

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	
2023/24-1	Lab	LCS	11/17/2023	Anion	Chloride	n/a	=	4.73	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup	11/17/2023	Anion	Chloride	n/a	=	4.73	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	11/17/2023	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	70	130	
2023/24-1	Lab	LCS, rec	11/17/2023	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	70	130	
2023/24-1	Lab	LCS, RPD	11/17/2023	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-1	Lab	method blank	11/17/2023	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	lab duplicate	11/17/2023	Anion	Chloride	n/a	=	67	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-1	ME-SCR	matrix spike	11/17/2023	Anion	Chloride	n/a	=	48.9	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup	11/17/2023	Anion	Chloride	n/a	=	49.9	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	11/17/2023	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	70	130	
2023/24-1	ME-SCR	matrix spike, rec	11/17/2023	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	70	130	
2023/24-1	ME-SCR	matrix spike, RPD	11/17/2023	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-1	Lab	LCS	11/17/2023	Anion	Fluoride	n/a	=	1.96	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup	11/17/2023	Anion	Fluoride	n/a	=	1.94	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	11/17/2023	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/17/2023	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/17/2023	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-1	Lab	method blank	11/17/2023	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	lab duplicate	11/17/2023	Anion	Fluoride	n/a	=	0.788	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-1	ME-SCR	matrix spike	11/17/2023	Anion	Fluoride	n/a	=	1.872	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup	11/17/2023	Anion	Fluoride	n/a	=	1.892	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	11/17/2023	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	11/17/2023	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	11/17/2023	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-1	000NONPJ	matrix spike	11/29/2023	Anion	Perchlorate	Total	=	52.82	µg/L	EPA 314.0	1.2	4			
2023/24-1	000NONPJ	matrix spike, rec	11/29/2023	Anion	Perchlorate	Total	=	106	%	EPA 314.0	-88	-88	80	120	
2023/24-1	000NONPJ	matrix spike dup	11/30/2023	Anion	Perchlorate	Total	=	52.99	µg/L	EPA 314.0	1.2	4			
2023/24-1	000NONPJ	matrix spike dup, rec	11/30/2023	Anion	Perchlorate	Total	=	106	%	EPA 314.0	-88	-88	80	120	
2023/24-1	000NONPJ	matrix spike, RPD	11/30/2023	Anion	Perchlorate	Total	=	0	%	EPA 314.0	-88	-88	0	15	
2023/24-1	Lab	LCS	11/29/2023	Anion	Perchlorate	Total	=	50.39	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS, rec	11/29/2023	Anion	Perchlorate	Total	=	101	%	EPA 314.0	-88	-88	85	115	
2023/24-1	Lab	method blank	11/29/2023	Anion	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS	12/1/2023	Anion	Perchlorate	Total	=	49.82	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS, rec	12/1/2023	Anion	Perchlorate	Total	=	100	%	EPA 314.0	-88	-88	85	115	
2023/24-1	Lab	method blank	12/1/2023	Anion	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS	12/4/2023	Anion	Perchlorate	Total	=	48.34	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS dup	12/4/2023	Anion	Perchlorate	Total	=	50.19	µg/L	EPA 314.0	1.2	4			
2023/24-1	Lab	LCS dup, rec	12/4/2023	Anion	Perchlorate	Total	=	100	%	EPA 314.0	-88	-88	85	115	
2023/24-1	Lab	LCS, rec	12/4/2023	Anion	Perchlorate	Total	=	97	%	EPA 314.0	-88	-88	85	115	
2023/24-1	Lab	LCS, RPD	12/4/2023	Anion	Perchlorate	Total	=	4	%	EPA 314.0	-88	-88	0	15	
2023/24-1	Lab	method blank	12/4/2023	Anion	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4			
2023/24-1	ME-CC	matrix spike	12/1/2023	Anion	Perchlorate	Total	=	49.35	µg/L	EPA 314.0	1.2	4			
2023/24-1	ME-CC	matrix spike dup	12/1/2023	Anion	Perchlorate	Total	=	49.94	µg/L	EPA 314.0	1.2	4			
2023/24-1	ME-CC	matrix spike dup, rec	12/1/2023	Anion	Perchlorate	Total	=	100	%	EPA 314.0	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, rec	12/1/2023	Anion	Perchlorate	Total	=	99	%	EPA 314.0	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/1/2023	Anion	Perchlorate	Total	=	1	%	EPA 314.0	-88	-88	0	15	
2023/24-1	Lab	method blank	11/16/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	

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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	
2023/24-1	Lab	method blank	11/16/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	Lab	method blank	11/17/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	MO-CAM	field duplicate	11/16/2023	Bacteriological	E. Coli	n/a	=	6867	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	MO-MPK	field blank	11/16/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	Lab	method blank	11/16/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	Lab	method blank	11/16/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	Lab	method blank	11/17/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	MO-CAM	field duplicate	11/16/2023	Bacteriological	Total Coliform	n/a	=	248900	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2023/24-1	MO-MPK	field blank	11/16/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-1	Lab	LCS	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1	1			
2023/24-1	Lab	LCS dup	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	99	mg/L	SM 2320 B	1	1			
2023/24-1	Lab	LCS dup, rec	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0		
2023/24-1	ME-SCR	lab duplicate	11/21/2023	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	1	1		15	
2023/24-1	000NONPJ	lab duplicate	11/22/2023	Conventional	BOD	n/a	=	206	mg/L	SM 5210 B	-88	3		20	
2023/24-1	Lab	LCS	11/22/2023	Conventional	BOD	n/a	=	189	mg/L	SM 5210 B	-88	3			
2023/24-1	Lab	LCS	11/22/2023	Conventional	BOD	n/a	=	199	mg/L	SM 5210 B	-88	3			
2023/24-1	Lab	LCS, rec	11/22/2023	Conventional	BOD	n/a	=	95	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-1	Lab	LCS, rec	11/22/2023	Conventional	BOD	n/a	=	101	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-1	Lab	method blank	11/22/2023	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-1	Lab	method blank	11/22/2023	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-1	000NONPJ	matrix spike	11/24/2023	Conventional	COD	n/a	=	94	mg/L	SM 5220 D	3.2	8			
2023/24-1	000NONPJ	matrix spike	11/24/2023	Conventional	COD	n/a	=	1061	mg/L	SM 5220 D	3.2	8			
2023/24-1	000NONPJ	matrix spike dup	11/24/2023	Conventional	COD	n/a	=	92	mg/L	SM 5220 D	3.2	8			
2023/24-1	000NONPJ	matrix spike dup	11/24/2023	Conventional	COD	n/a	=	1075	mg/L	SM 5220 D	3.2	8			
2023/24-1	000NONPJ	matrix spike dup, rec	11/24/2023	Conventional	COD	n/a	=	108	%	SM 5220 D	-88	-88	77	120	
2023/24-1	000NONPJ	matrix spike dup, rec	11/24/2023	Conventional	COD	n/a	=	92	%	SM 5220 D	-88	-88	77	120	
2023/24-1	000NONPJ	matrix spike, rec	11/24/2023	Conventional	COD	n/a	=	106	%	SM 5220 D	-88	-88	77	120	
2023/24-1	000NONPJ	matrix spike, rec	11/24/2023	Conventional	COD	n/a	=	94	%	SM 5220 D	-88	-88	77	120	
2023/24-1	000NONPJ	matrix spike, RPD	11/24/2023	Conventional	COD	n/a	=	2	%	SM 5220 D	-88	-88	0	20	
2023/24-1	000NONPJ	matrix spike, RPD	11/24/2023	Conventional	COD	n/a	=	1	%	SM 5220 D	-88	-88	0	20	
2023/24-1	Lab	LCS	11/24/2023	Conventional	COD	n/a	=	100	mg/L	SM 5220 D	1.6	4			
2023/24-1	Lab	LCS	11/24/2023	Conventional	COD	n/a	=	1076	mg/L	SM 5220 D	1.6	4			
2023/24-1	Lab	LCS, rec	11/24/2023	Conventional	COD	n/a	=	100	%	SM 5220 D	-88	-88	90	110	
2023/24-1	Lab	LCS, rec	11/24/2023	Conventional	COD	n/a	=	108	%	SM 5220 D	-88	-88	90	110	
2023/24-1	Lab	method blank	11/24/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-1	Lab	method blank	11/24/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-1	000NONPJ	matrix spike	11/29/2023	Conventional	Cyanide	Total	=	0.1822	mg/L	EPA 335.4	0.0016	0.005			
2023/24-1	000NONPJ	matrix spike dup	11/29/2023	Conventional	Cyanide	Total	=	0.1824	mg/L	EPA 335.4	0.0016	0.005			
2023/24-1	000NONPJ	matrix spike dup, rec	11/29/2023	Conventional	Cyanide	Total	=	91	%	EPA 335.4	-88	-88	90	110	
2023/24-1	000NONPJ	matrix spike, rec	11/29/2023	Conventional	Cyanide	Total	=	91	%	EPA 335.4	-88	-88	90	110	
2023/24-1	000NONPJ	matrix spike, RPD	11/29/2023	Conventional	Cyanide	Total	=	0	%	EPA 335.4	-88	-88	0	20	
2023/24-1	Lab	LCS	11/29/2023	Conventional	Cyanide	Total	=	0.2021	mg/L	EPA 335.4	0.0016	0.005			
2023/24-1	Lab	LCS, rec	11/29/2023	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2023/24-1	Lab	method blank	11/29/2023	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-1	MO-CAM	field duplicate	11/29/2023	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005		25	

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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	
2023/24-1	MO-MPK	field blank	11/29/2023	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-1	ME-SCR	lab duplicate	12/28/2023	Conventional	Hardness as CaCO3	Total	=	695	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-1	Lab	LCS	11/17/2023	Conventional	MBAS	n/a	=	0.116	mg/L	SM 5540 C	0.02	0.05			
2023/24-1	Lab	LCS dup	11/17/2023	Conventional	MBAS	n/a	=	0.114	mg/L	SM 5540 C	0.02	0.05			
2023/24-1	Lab	LCS dup, rec	11/17/2023	Conventional	MBAS	n/a	=	114	%	SM 5540 C	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/17/2023	Conventional	MBAS	n/a	=	116	%	SM 5540 C	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/17/2023	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	25	
2023/24-1	Lab	method blank	11/17/2023	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-1	ME-SCR	lab duplicate	11/17/2023	Conventional	MBAS	n/a	DNQ	0.0465	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-1	ME-SCR	matrix spike	11/17/2023	Conventional	MBAS	n/a	=	0.1259	mg/L	SM 5540 C	0.02	0.05			M,PMQO
2023/24-1	ME-SCR	matrix spike dup	11/17/2023	Conventional	MBAS	n/a	=	0.1249	mg/L	SM 5540 C	0.02	0.05			M,PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	11/17/2023	Conventional	MBAS	n/a	=	125	%	SM 5540 C	-88	-88	80	120	M,PMQO
2023/24-1	ME-SCR	matrix spike, rec	11/17/2023	Conventional	MBAS	n/a	=	126	%	SM 5540 C	-88	-88	80	120	M,PMQO
2023/24-1	ME-SCR	matrix spike, RPD	11/17/2023	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	25	
2023/24-1	Lab	LCS	11/20/2023	Conventional	Specific Conductance	n/a	=	22700	µmhos/cm	SM 2510 B	1	1			
2023/24-1	Lab	LCS dup	11/20/2023	Conventional	Specific Conductance	n/a	=	22300	µmhos/cm	SM 2510 B	1	1			
2023/24-1	Lab	LCS dup, rec	11/20/2023	Conventional	Specific Conductance	n/a	=	112	%	SM 2510 B	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/20/2023	Conventional	Specific Conductance	n/a	=	113	%	SM 2510 B	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/20/2023	Conventional	Specific Conductance	n/a	=	1	%	SM 2510 B	-88	-88	0	25	
2023/24-1	Lab	method blank	11/20/2023	Conventional	Specific Conductance	n/a	<	1	µmhos/cm	SM 2510 B	1	1			
2023/24-1	ME-SCR	lab duplicate	11/20/2023	Conventional	Specific Conductance	n/a	=	1290	µmhos/cm	SM 2510 B	1	1		25	
2023/24-1	Lab	LCS	11/17/2023	Conventional	Total Chlorine Residual	n/a	=	0.326	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-1	Lab	LCS dup	11/17/2023	Conventional	Total Chlorine Residual	n/a	=	0.318	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-1	Lab	LCS dup, rec	11/17/2023	Conventional	Total Chlorine Residual	n/a	=	106	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/17/2023	Conventional	Total Chlorine Residual	n/a	=	109	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/17/2023	Conventional	Total Chlorine Residual	n/a	=	3	%	SM 4500-Cl D	-88	-88	0	25	
2023/24-1	Lab	method blank	11/17/2023	Conventional	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-1	Lab	LCS	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	1010	mg/L	SM 2540 C	6.3	10			
2023/24-1	Lab	LCS dup	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	6.3	10			
2023/24-1	Lab	LCS dup, rec	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	1	%	SM 2540 C	-88	-88	0	25	
2023/24-1	Lab	method blank	11/22/2023	Conventional	Total Dissolved Solids	n/a	<	6.3	mg/L	SM 2540 C	6.3	10			
2023/24-1	ME-SCR	lab duplicate	11/22/2023	Conventional	Total Dissolved Solids	n/a	=	1080	mg/L	SM 2540 C	6.3	10		10	
2023/24-1	Lab	LCS	12/13/2023	Conventional	Total Organic Carbon	n/a	=	9.5	mg/L	SM 5310 B	0.2	0.44			
2023/24-1	Lab	LCS dup	12/13/2023	Conventional	Total Organic Carbon	n/a	=	9.64	mg/L	SM 5310 B	0.2	0.44			
2023/24-1	Lab	LCS dup, rec	12/13/2023	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	12/13/2023	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	12/13/2023	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2023/24-1	Lab	method blank	12/13/2023	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-1	ME-SCR	lab duplicate	12/13/2023	Conventional	Total Organic Carbon	n/a	=	3.13	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-1	ME-SCR	matrix spike	12/13/2023	Conventional	Total Organic Carbon	n/a	=	10.02	mg/L	SM 5310 B	0.2	0.44			
2023/24-1	ME-SCR	matrix spike dup	12/13/2023	Conventional	Total Organic Carbon	n/a	=	9.92	mg/L	SM 5310 B	0.2	0.44			
2023/24-1	ME-SCR	matrix spike dup, rec	12/13/2023	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	12/13/2023	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	12/13/2023	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2023/24-1	Lab	LCS	11/21/2023	Conventional	Total Suspended Solids	n/a	=	99.4	mg/L	SM 2540 D	0.5	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	Lab	LCS dup	11/21/2023	Conventional	Total Suspended Solids	n/a	=	99.2	mg/L	SM 2540 D	0.5	0.5			
2023/24-1	Lab	LCS dup, rec	11/21/2023	Conventional	Total Suspended Solids	n/a	=	99	%	SM 2540 D	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/21/2023	Conventional	Total Suspended Solids	n/a	=	99	%	SM 2540 D	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/21/2023	Conventional	Total Suspended Solids	n/a	=	0	%	SM 2540 D	-88	-88	0	25	
2023/24-1	Lab	method blank	11/21/2023	Conventional	Total Suspended Solids	n/a	<	0.5	mg/L	SM 2540 D	0.5	0.5			
2023/24-1	ME-SCR	lab duplicate	11/21/2023	Conventional	Total Suspended Solids	n/a	=	83.2	mg/L	SM 2540 D	0.5	0.5			
2023/24-1	Lab	method blank	11/17/2023	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-1	ME-SCR	lab duplicate	11/17/2023	Conventional	Turbidity	n/a	=	34.5	NTU	EPA 180.1	0.02	0.02		10	
2023/24-1	Lab	method blank	11/21/2023	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-1	ME-SCR	lab duplicate	11/21/2023	Conventional	Volatile Suspended Solids	n/a	=	10.2	mg/L	SM 2540 E	0.1	0.5			
2023/24-1	Lab	srgt LCS	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0134	mg/L	EPA 8015B	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0139	mg/L	EPA 8015B	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	69	%	EPA 8015B	-88	-88	35	130	
2023/24-1	Lab	srgt LCS, rec	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	67	%	EPA 8015B	-88	-88	35	130	
2023/24-1	Lab	srgt method blank	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0122	mg/L	EPA 8015B	-88	-88			
2023/24-1	Lab	srgt method blank, rec	11/20/2023	Hydrocarbon	n-Triacontane	n/a	=	61	%	EPA 8015B	-88	-88	35	130	
2023/24-1	ME-CC	srgt environ	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0114	mg/L	EPA 8015B	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	59	%	EPA 8015B	-88	-88	35	130	
2023/24-1	ME-SCR	srgt environ	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0171	mg/L	EPA 8015B	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	89	%	EPA 8015B	-88	-88	35	130	
2023/24-1	MO-CAM	srgt environ	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.018	mg/L	EPA 8015B	-88	-88			DilOut
2023/24-1	MO-CAM	srgt environ, rec	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	#####	%	EPA 8015B	-88	-88	35	130	DilOut
2023/24-1	MO-FIL	srgt environ	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0171	mg/L	EPA 8015B	-88	-88			DilOut
2023/24-1	MO-FIL	srgt environ, rec	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	#####	%	EPA 8015B	-88	-88	35	130	DilOut
2023/24-1	MO-HUE	srgt environ	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0169	mg/L	EPA 8015B	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	86	%	EPA 8015B	-88	-88	35	130	
2023/24-1	MO-MPK	srgt environ	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0188	mg/L	EPA 8015B	-88	-88			DilOut
2023/24-1	MO-MPK	srgt environ, rec	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	#####	%	EPA 8015B	-88	-88	35	130	DilOut
2023/24-1	MO-OXN	srgt environ	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0236	mg/L	EPA 8015B	-88	-88			DilOut
2023/24-1	MO-OXN	srgt environ, rec	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	#####	%	EPA 8015B	-88	-88	35	130	DilOut
2023/24-1	MO-SPA	srgt environ	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0226	mg/L	EPA 8015B	-88	-88			DilOut
2023/24-1	MO-SPA	srgt environ, rec	11/21/2023	Hydrocarbon	n-Triacontane	n/a	=	#####	%	EPA 8015B	-88	-88	35	130	DilOut
2023/24-1	MO-THO	srgt environ	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0188	mg/L	EPA 8015B	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	11/22/2023	Hydrocarbon	n-Triacontane	n/a	=	95	%	EPA 8015B	-88	-88	35	130	
2023/24-1	MO-VEN	srgt environ	11/30/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0159	mg/L	EPA 8015B	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	11/30/2023	Hydrocarbon	n-Triacontane	n/a	=	79	%	EPA 8015B	-88	-88	35	130	
2023/24-1	Lab	LCS	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	39.35	mg/L	EPA 1664B	1	1			
2023/24-1	Lab	LCS dup	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	38.7	mg/L	EPA 1664B	1	1			
2023/24-1	Lab	LCS dup, rec	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	97	%	EPA 1664B	-88	-88	67	110	
2023/24-1	Lab	LCS, rec	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664B	-88	-88	67	110	
2023/24-1	Lab	LCS, RPD	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664B	-88	-88	0	30	
2023/24-1	Lab	method blank	12/11/2023	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-1	ME-SCR	lab duplicate	12/11/2023	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1		25	
2023/24-1	ME-SCR	matrix spike	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	33.6	mg/L	EPA 1664B	1	1			
2023/24-1	ME-SCR	matrix spike dup	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	33.5	mg/L	EPA 1664B	1	1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	67	110	
2023/24-1	ME-SCR	matrix spike, rec	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	67	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	
2023/24-1	ME-SCR	matrix spike, RPD	12/11/2023	Hydrocarbon	Oil and Grease	n/a	=	0	%	EPA 1664B	-88	-88	0	30	
2023/24-1	MO-CAM	field duplicate	12/11/2023	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1		25	
2023/24-1	MO-MPK	field blank	12/11/2023	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-1	Lab	LCS	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.8401	mg/L	EPA 8015B	0.047	0.1			
2023/24-1	Lab	LCS dup	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.8547	mg/L	EPA 8015B	0.047	0.1			
2023/24-1	Lab	LCS dup, rec	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	85	%	EPA 8015B	-88	-88	42	120	
2023/24-1	Lab	LCS, rec	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	84	%	EPA 8015B	-88	-88	42	120	
2023/24-1	Lab	LCS, RPD	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	2	%	EPA 8015B	-88	-88	0	36	
2023/24-1	Lab	method blank	11/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.1			
2023/24-1	Lab	method blank	11/20/2023	Hydrocarbon	TPH as Gasoline C6-C10	n/a	DNQ	0.088	mg/L	EPA 8015B	0.047	0.3			IP
2023/24-1	Lab	method blank	11/20/2023	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25		25	IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Aluminum	Dissolved	=	118.82	µg/L	EPA 200.8	1.65	8.25			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Aluminum	Dissolved	=	119	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Aluminum	Dissolved	=	121.82	µg/L	EPA 200.8	1.65	8.25			M,PMQO
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Aluminum	Dissolved	=	122	%	EPA 200.8	-88	-88	80	120	M,PMQO
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Aluminum	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Aluminum	Total	=	870	µg/L	EPA 200.8	1.65	8.25		25	CE,IL
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Antimony	Dissolved	=	0.517	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Antimony	Dissolved	=	109.472	µg/L	EPA 200.8	0.03	0.15			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Antimony	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Antimony	Dissolved	=	109.472	µg/L	EPA 200.8	0.03	0.15			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Antimony	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Antimony	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Antimony	Total	=	0.361	µg/L	EPA 200.8	0.03	0.15		25	CE,IL
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Arsenic	Dissolved	=	3.7	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Arsenic	Dissolved	=	113.46	µg/L	EPA 200.8	0.05	0.159			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Arsenic	Dissolved	=	113	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Arsenic	Dissolved	=	114.46	µg/L	EPA 200.8	0.05	0.159			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Arsenic	Dissolved	=	114	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Arsenic	Total	=	3.92	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Barium	Dissolved	=	32	µg/L	EPA 200.8	0.25	0.5		25	CE,IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Barium	Dissolved	=	109.1	µg/L	EPA 200.8	0.25	0.5			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Barium	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Barium	Dissolved	=	106.1	µg/L	EPA 200.8	0.25	0.5			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Barium	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Barium	Dissolved	=	3	%	EPA 200.8	-88	-88	0		
2023/24-1	Lab	method blank	12/26/2023	Metal	Barium	Total	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Barium	Total	=	43.6	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Beryllium	Dissolved	=	91	µg/L	EPA 200.8	0.01	0.031			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Beryllium	Dissolved	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Beryllium	Dissolved	=	96	µg/L	EPA 200.8	0.01	0.031			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Beryllium	Dissolved	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Beryllium	Total	=	0.063	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Cadmium	Dissolved	=	0.153	µg/L	EPA 200.8	0.007	0.023		25	IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Cadmium	Dissolved	=	107.83	µg/L	EPA 200.8	0.007	0.023			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Cadmium	Dissolved	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Cadmium	Dissolved	=	103.83	µg/L	EPA 200.8	0.007	0.023			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Cadmium	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Cadmium	Total	=	0.247	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Chromium	Dissolved	=	0.4	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Chromium	Dissolved	=	104.606	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Chromium	Dissolved	=	102.606	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Chromium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Chromium	Total	=	2.71	µg/L	EPA 200.8	0.01	0.05		25	CE,IL
2023/24-1	000NONPJ	matrix spike	11/28/2023	Metal	Chromium VI	n/a	=	46.234	µg/L	EPA 218.6	0.25	1			
2023/24-1	000NONPJ	matrix spike dup	11/28/2023	Metal	Chromium VI	n/a	=	46.314	µg/L	EPA 218.6	0.25	1			
2023/24-1	000NONPJ	matrix spike dup, rec	11/28/2023	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-1	000NONPJ	matrix spike, rec	11/28/2023	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	85	115	
2023/24-1	000NONPJ	matrix spike, RPD	11/28/2023	Metal	Chromium VI	n/a	=	0	%	EPA 218.6	-88	-88	0	20	
2023/24-1	Lab	LCS	11/28/2023	Metal	Chromium VI	n/a	=	49.17	µg/L	EPA 218.6	0.25	1			
2023/24-1	Lab	LCS, rec	11/28/2023	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	90	110	
2023/24-1	Lab	method blank	11/28/2023	Metal	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1			
2023/24-1	ME-CC	matrix spike	11/28/2023	Metal	Chromium VI	n/a	=	46.1447	µg/L	EPA 218.6	0.25	1			
2023/24-1	ME-CC	matrix spike dup	11/28/2023	Metal	Chromium VI	n/a	=	45.8647	µg/L	EPA 218.6	0.25	1			
2023/24-1	ME-CC	matrix spike dup, rec	11/28/2023	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	85	115	
2023/24-1	ME-CC	matrix spike, rec	11/28/2023	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	85	115	
2023/24-1	ME-CC	matrix spike, RPD	11/28/2023	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Copper	Dissolved	=	2.71	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Copper	Dissolved	=	95.75	µg/L	EPA 200.8	0.007	0.022			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Copper	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Copper	Dissolved	=	94.85	µg/L	EPA 200.8	0.007	0.022			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Copper	Total	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Copper	Total	=	5.01	µg/L	EPA 200.8	0.007	0.022		25	CE,IL
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Iron	Dissolved	=	9.94	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Iron	Dissolved	=	107.22	µg/L	EPA 200.8	1.13	5.65			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Iron	Dissolved	=	103.22	µg/L	EPA 200.8	1.13	5.65			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Iron	Dissolved	=	4	%	EPA 200.8	-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	
2023/24-1	Lab	method blank	12/26/2023	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Iron	Total	=	1190	µg/L	EPA 200.8	1.13	5.65		25	CE,IL
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021		25	IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Lead	Dissolved	=	94.084	µg/L	EPA 200.8	0.007	0.021			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Lead	Dissolved	=	94.384	µg/L	EPA 200.8	0.007	0.021			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Lead	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Lead	Total	=	0.955	µg/L	EPA 200.8	0.007	0.021		25	CE,IL
2023/24-1	ME-SCR	lab duplicate	1/5/2024	Metal	Mercury	Dissolved	=	0.768	ng/L	EPA 1631E	0.04	0.2		25	CE,IL
2023/24-1	ME-SCR	lab duplicate	1/5/2024	Metal	Mercury	Total	=	1.42	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-1	ME-SCR	matrix spike	1/5/2024	Metal	Mercury	Total	=	17.9	ng/L	EPA 1631E	0.04	0.2			
2023/24-1	ME-SCR	matrix spike dup	1/5/2024	Metal	Mercury	Total	=	17.8	ng/L	EPA 1631E	0.04	0.2			
2023/24-1	ME-SCR	matrix spike dup, rec	1/5/2024	Metal	Mercury	Total	=	89	%	EPA 1631E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	1/5/2024	Metal	Mercury	Total	=	89	%	EPA 1631E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	1/5/2024	Metal	Mercury	Total	=	0	%	EPA 1631E	-88	-88	0	25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Nickel	Dissolved	=	5.22	µg/L	EPA 200.8	0.013	0.042		25	CE,IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Nickel	Dissolved	=	95.92	µg/L	EPA 200.8	0.013	0.042			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Nickel	Dissolved	=	94.92	µg/L	EPA 200.8	0.013	0.042			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Nickel	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Nickel	Total	=	7.66	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Selenium	Dissolved	=	0.923	µg/L	EPA 200.8	0.021	0.068		25	CE,IL
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Selenium	Dissolved	=	102.69	µg/L	EPA 200.8	0.021	0.068			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Selenium	Dissolved	=	99.69	µg/L	EPA 200.8	0.021	0.068			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Selenium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Selenium	Total	=	0.979	µg/L	EPA 200.8	0.021	0.068		25	CE,IL
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Silver	Dissolved	=	0.222	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Silver	Dissolved	=	7.745	µg/L	EPA 200.8	0.01	0.02			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Silver	Dissolved	=	80	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Silver	Dissolved	=	8.095	µg/L	EPA 200.8	0.01	0.02			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Silver	Dissolved	=	81	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Silver	Total	=	0.198	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Thallium	Dissolved	=	95.5	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Thallium	Dissolved	=	96	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-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	
2023/24-1	Lab	method blank	12/26/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Zinc	Dissolved	=	10.9	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-1	ME-CC	matrix spike	12/26/2023	Metal	Zinc	Dissolved	=	106.5	µg/L	EPA 200.8	0.022	0.069			
2023/24-1	ME-CC	matrix spike, rec	12/26/2023	Metal	Zinc	Dissolved	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike dup	12/26/2023	Metal	Zinc	Dissolved	=	108.5	µg/L	EPA 200.8	0.022	0.069			
2023/24-1	ME-CC	matrix spike dup, rec	12/26/2023	Metal	Zinc	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-1	ME-CC	matrix spike, RPD	12/26/2023	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-1	Lab	method blank	12/26/2023	Metal	Zinc	Total	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-1	ME-CC	lab duplicate	12/26/2023	Metal	Zinc	Total	=	23.4	µg/L	EPA 200.8	0.022	0.069		25	CE,IL
2023/24-1	ME-SCR	lab duplicate	11/20/2023	Nutrient	Ammonia as N	n/a	DNQ	0.015	mg/L	SM 4500-NH3 D	0.007	0.03		15	CE,IL
2023/24-1	ME-SCR	matrix spike	11/20/2023	Nutrient	Ammonia as N	n/a	=	0.096	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-1	ME-SCR	matrix spike dup	11/20/2023	Nutrient	Ammonia as N	n/a	=	0.097	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-1	ME-SCR	matrix spike dup, rec	11/20/2023	Nutrient	Ammonia as N	n/a	=	97	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	11/20/2023	Nutrient	Ammonia as N	n/a	=	96	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	11/20/2023	Nutrient	Ammonia as N	n/a	=	1	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-1	Lab	LCS	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.922	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-1	Lab	LCS dup	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.927	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-1	Lab	method blank	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-1	ME-SCR	lab duplicate	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	3.4	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-1	ME-SCR	matrix spike	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.54	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.54	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	11/30/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-1	Lab	LCS	11/17/2023	Nutrient	Nitrate as N	n/a	=	4.73	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup	11/17/2023	Nutrient	Nitrate as N	n/a	=	4.7	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	11/17/2023	Nutrient	Nitrate as N	n/a	=	94	%	EPA 300.0	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/17/2023	Nutrient	Nitrate as N	n/a	=	95	%	EPA 300.0	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/17/2023	Nutrient	Nitrate as N	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-1	Lab	method blank	11/17/2023	Nutrient	Nitrate as N	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-1	Lab	LCS	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	0.342	mg/L	SM 4500-P E	0.016	0.03			
2023/24-1	Lab	LCS dup	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	0.34	mg/L	SM 4500-P E	0.016	0.03			
2023/24-1	Lab	LCS dup, rec	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	113	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	114	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	1	%	SM 4500-P E	-88	-88	0	25	
2023/24-1	Lab	method blank	12/13/2023	Nutrient	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03			
2023/24-1	ME-SCR	lab duplicate	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	0.0562	mg/L	SM 4500-P E	0.016	0.03		20	
2023/24-1	ME-SCR	matrix spike	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	0.2648	mg/L	SM 4500-P E	0.016	0.03			
2023/24-1	ME-SCR	matrix spike dup	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	0.2808	mg/L	SM 4500-P E	0.016	0.03			
2023/24-1	ME-SCR	matrix spike dup, rec	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	94	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	88	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	12/13/2023	Nutrient	Phosphorus as P	Dissolved	=	7	%	SM 4500-P E	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	11/28/2023	Nutrient	Phosphorus as P	Total	=	0.0485	mg/L	SM 4500-P E	0.016	0.02		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	
2023/24-1	ME-SCR	matrix spike	11/28/2023	Nutrient	Phosphorus as P	Total	=	0.3156	mg/L	SM 4500-P E	0.016	0.02			
2023/24-1	ME-SCR	matrix spike dup	11/28/2023	Nutrient	Phosphorus as P	Total	=	0.3176	mg/L	SM 4500-P E	0.016	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	11/28/2023	Nutrient	Phosphorus as P	Total	=	106	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	11/28/2023	Nutrient	Phosphorus as P	Total	=	105	%	SM 4500-P E	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	11/28/2023	Nutrient	Phosphorus as P	Total	=	1	%	SM 4500-P E	-88	-88	0	25	
2023/24-1	Lab	CRM	11/28/2023	Nutrient	TKN	n/a	=	9.58	mg/L	EPA 351.2	0.13	0.4			PMQO
2023/24-1	Lab	CRM, rec	11/28/2023	Nutrient	TKN	n/a	=	77	%	EPA 351.2	-88	-88	80	120	PMQO
2023/24-1	Lab	LCS	11/28/2023	Nutrient	TKN	n/a	=	2.45	mg/L	EPA 351.2	0.13	0.4			
2023/24-1	Lab	LCS dup	11/28/2023	Nutrient	TKN	n/a	=	2.53	mg/L	EPA 351.2	0.13	0.4			
2023/24-1	Lab	LCS dup, rec	11/28/2023	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	80	120	
2023/24-1	Lab	LCS, rec	11/28/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	80	120	
2023/24-1	Lab	LCS, RPD	11/28/2023	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	25	
2023/24-1	Lab	method blank	11/28/2023	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-1	ME-SCR	lab duplicate	11/28/2023	Nutrient	TKN	n/a	DNQ	0.32	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-1	ME-SCR	matrix spike	11/28/2023	Nutrient	TKN	n/a	=	2.756	mg/L	EPA 351.2	0.13	0.4			
2023/24-1	ME-SCR	matrix spike dup	11/28/2023	Nutrient	TKN	n/a	=	2.636	mg/L	EPA 351.2	0.13	0.4			
2023/24-1	ME-SCR	matrix spike dup, rec	11/28/2023	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, rec	11/28/2023	Nutrient	TKN	n/a	=	110	%	EPA 351.2	-88	-88	80	120	
2023/24-1	ME-SCR	matrix spike, RPD	11/28/2023	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	25	
2023/24-1	Lab	method blank	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.766	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.642	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.57	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.568	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.709	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.573	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.605	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.597	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05		25	
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.32	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	49.22	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	49.98	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	48.61	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	
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	47.37	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	51.28	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	48.95	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	49.64	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-CC	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.54	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-SCR	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.54	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.22	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt field duplicate	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	53.52	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt field duplicate, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-FIL	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	51.31	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-HUE	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.15	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	51.59	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt field blank	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	49.75	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt field blank, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt travel blank	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.09	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt travel blank, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OJA	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	250.3	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OJA	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OXN	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	252.2	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SIM	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.32	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SPA	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	256.8	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-THO	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	50.85	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-VEN	srgt environ	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	257.1	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	11/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	method blank	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.688	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.554	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	23	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.589	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.575	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			25
2023/24-1	Lab	method blank	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.691	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.557	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.594	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.576	µg/L	EPA 625.1	0.01	0.05			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			25
2023/24-1	Lab	srgt method blank	11/27/2023	Organic	2,3-D	n/a	=	5.25	µg/L	EPA 615	0	0.1			
2023/24-1	Lab	srgt method blank, rec	11/27/2023	Organic	2,3-D	n/a	=	105	%	EPA 615	-88	-88	53	168	
2023/24-1	Lab	srgt LCS	11/27/2023	Organic	2,3-D	n/a	=	5.3	µg/L	EPA 615	0	0.1			
2023/24-1	Lab	srgt LCS, rec	11/27/2023	Organic	2,3-D	n/a	=	106	%	EPA 615	-88	-88	53	168	
2023/24-1	Lab	srgt LCS dup	11/27/2023	Organic	2,3-D	n/a	=	5.6	µg/L	EPA 615	0	0.1			
2023/24-1	Lab	srgt LCS dup, rec	11/27/2023	Organic	2,3-D	n/a	=	112	%	EPA 615	-88	-88	53	168	
2023/24-1	ME-CC	srgt matrix spike	11/27/2023	Organic	2,3-D	n/a	=	4.69	µg/L	EPA 615	0	0.1			
2023/24-1	ME-CC	srgt matrix spike, rec	11/27/2023	Organic	2,3-D	n/a	=	93.8	%	EPA 615	-88	-88	53	168	
2023/24-1	ME-CC	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	4.96	µg/L	EPA 615	0	0.1			
2023/24-1	ME-CC	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	99.2	%	EPA 615	-88	-88	52.7	168	
2023/24-1	ME-SCR	srgt matrix spike	11/27/2023	Organic	2,3-D	n/a	=	5.25	µg/L	EPA 615	0	0.1			
2023/24-1	ME-SCR	srgt matrix spike, rec	11/27/2023	Organic	2,3-D	n/a	=	105	%	EPA 615	-88	-88	53	168	
2023/24-1	ME-SCR	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	5.15	µg/L	EPA 615	0	0.1			
2023/24-1	ME-SCR	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	103	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-CAM	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	3.705	µg/L	EPA 615	0	0.1			
2023/24-1	MO-CAM	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	74.1	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-FIL	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	3.64	µg/L	EPA 615	0	0.1			
2023/24-1	MO-FIL	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	72.8	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-HUE	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	3.24	µg/L	EPA 615	0	0.1			
2023/24-1	MO-HUE	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	64.8	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-MPK	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	4.285	µg/L	EPA 615	0	0.1			
2023/24-1	MO-MPK	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	85.7	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-OXN	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	4.445	µg/L	EPA 615	0	0.1			
2023/24-1	MO-OXN	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	88.9	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-SPA	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	3.46	µg/L	EPA 615	0	0.1			
2023/24-1	MO-SPA	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	69.2	%	EPA 615	-88	-88	52.7	168	
2023/24-1	MO-THO	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	4.815	µg/L	EPA 615	0	0.1			
2023/24-1	MO-THO	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	96.3	%	EPA 615	-88	-88	52.7	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	MO-VEN	srgt environ	11/28/2023	Organic	2,3-D	n/a	=	4.24	µg/L	EPA 615	0	0.1			
2023/24-1	MO-VEN	srgt environ, rec	11/28/2023	Organic	2,3-D	n/a	=	84.8	%	EPA 615	-88	-88	52.7	168	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	30	130	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	30	130	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	30	130	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	30	130	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	30	130	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.059	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625.1	-88	-88	30	130	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	30	130	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.06	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	30	130	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	30	130	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.789	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.744	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.61	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.735	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	19	%	EPA 625.1	-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	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	0.757	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	0.663	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	0.496	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	0.616	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,4-Dichlorophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	0.511	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	0.471	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	0.414	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	0.487	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	49	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,4-Dimethylphenol	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	0.636	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	0.657	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	0.448	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	45	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	0.494	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	49	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	0.94	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	0.953	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	0.822	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	0.969	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	0.879	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	0.885	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	0.774	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	0.885	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	LCS	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	11.15	µg/L	EPA 624.1	2.7	5			CVLB
2023/24-1	Lab	LCS	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	71.41	µg/L	EPA 624.1	1.5	5			CVHB.EUM
2023/24-1	Lab	LCS, rec	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	143	%	EPA 624.1	-88	-88	10	130	CVHB.EUM
2023/24-1	Lab	LCS, rec	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	22	%	EPA 624.1	-88	-88	10	130	CVLB
2023/24-1	Lab	method blank	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5			
2023/24-1	Lab	method blank	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-1	MO-CAM	field duplicate	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5		25	
2023/24-1	MO-MPK	field blank	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-1	MO-MPK	travel blank	11/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5			
2023/24-1	Lab	method blank	12/22/2023	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	0.84	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	0.759	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	0.606	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	0.687	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2-Chloronaphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	2-Chlorophenol	n/a	=	0.676	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2-Chlorophenol	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2-Chlorophenol	n/a	=	0.539	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2-Chlorophenol	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2-Chlorophenol	n/a	=	23	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2-Chlorophenol	n/a	=	0.384	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2-Chlorophenol	n/a	=	38	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2-Chlorophenol	n/a	=	0.459	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2-Chlorophenol	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2-Chlorophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		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	
2023/24-1	Lab	method blank	12/22/2023	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	2-Nitrophenol	n/a	=	0.708	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	2-Nitrophenol	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	2-Nitrophenol	n/a	=	0.636	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	2-Nitrophenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	2-Nitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	2-Nitrophenol	n/a	=	0.461	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	2-Nitrophenol	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	2-Nitrophenol	n/a	=	0.573	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	2-Nitrophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	2-Nitrophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.388	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	39	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS dup	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.383	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	38	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.428	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	43	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.411	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	41	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.894	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.769	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.774	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.851	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.76	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	51.18	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.29	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	54.59	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.79	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-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	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.19	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.36	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-CC	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.57	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-SCR	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.75	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.43	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt field duplicate	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.35	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt field duplicate, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-FIL	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.83	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-HUE	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.63	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.45	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt field blank	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.48	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt field blank, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt travel blank	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.52	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt travel blank, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OJA	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	242.7	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OJA	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OXN	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	246.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SIM	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SPA	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	248	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-THO	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.13	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-VEN	srgt environ	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	249.2	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	11/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	method blank	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.969	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.929	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.82	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.888	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		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	
2023/24-1	Lab	method blank	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.808	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.771	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.656	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.739	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.947	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.907	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.749	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.819	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	4-Nitrophenol	n/a	=	0.837	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	4-Nitrophenol	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	4-Nitrophenol	n/a	=	0.805	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	4-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	4-Nitrophenol	n/a	=	0.588	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	4-Nitrophenol	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	4-Nitrophenol	n/a	=	0.658	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	4-Nitrophenol	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	4-Nitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Acenaphthene	n/a	=	1.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Acenaphthene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Acenaphthene	n/a	=	1.24	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Acenaphthene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Acenaphthene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Acenaphthene	n/a	=	1.01	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Acenaphthene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Acenaphthene	n/a	=	1.12	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Acenaphthene	n/a	=	11	%	EPA 625.1	-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	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	76	%	EPA 625.1	-88	-88	27	133	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	85	%	EPA 625.1	-88	-88	27	133	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	79	%	EPA 625.1	-88	-88	27	133	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	67	%	EPA 625.1	-88	-88	27	133	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.064	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	64	%	EPA 625.1	-88	-88	27	133	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	74	%	EPA 625.1	-88	-88	27	133	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.044	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	44	%	EPA 625.1	-88	-88	27	133	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Acenaphthene-d10	n/a	=	0.042	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Acenaphthene-d10	n/a	=	42	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.124	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	124	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	77	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	73	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	85	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	99	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	98	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.135	µg/L	EPA 625.1	-88	-88			DB
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	135	%	EPA 625.1	-88	-88	27	133	DB
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	83	%	EPA 625.1	-88	-88	27	133	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Acenaphthene-d10	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Acenaphthene-d10	n/a	=	92	%	EPA 625.1	-88	-88	27	133	
2023/24-1	Lab	method blank	12/22/2023	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Acenaphthylene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Acenaphthylene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Acenaphthylene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Acenaphthylene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Acenaphthylene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Acenaphthylene	n/a	=	1.07	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Acenaphthylene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Acenaphthylene	n/a	=	1.2	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Acenaphthylene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Acenaphthylene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		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	
2023/24-1	Lab	method blank	12/22/2023	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Anthracene	n/a	=	1.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Anthracene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Anthracene	n/a	=	1.41	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Anthracene	n/a	=	1.17	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Anthracene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Anthracene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Anthracene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Anthracene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benz(a)anthracene	n/a	=	0.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benz(a)anthracene	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benz(a)anthracene	n/a	=	0.385	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benz(a)anthracene	n/a	=	0.414	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benzidine	n/a	=	0.225	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benzidine	n/a	=	22	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benzidine	n/a	=	0.234	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benzidine	n/a	=	23	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benzidine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benzidine	n/a	=	0.23	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benzidine	n/a	=	23	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benzidine	n/a	=	0.212	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benzidine	n/a	=	21	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benzidine	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	1.5	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	1.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	1.2785	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	1.3285	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 625.1	-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	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benzo(a)pyrene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.26	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.24	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.0886	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.1586	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benzo(b)fluoranthene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.2588	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.2688	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benzo(g,h,i)perylene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.0389	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.0889	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Benzo(k)fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.807	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.717	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.587	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.654	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	65	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.635	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.516	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.456	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.503	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.754	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.627	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.484	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	48	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.542	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.821	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.919	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.8506	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.7796	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.0132	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Butyl benzyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	0.852	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	0.846	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	0.8502	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	0.8682	µg/L	EPA 625.1	0.01	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	
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Butyl benzyl phthalate	n/a	DNQ	0.0149	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Chrysene	n/a	=	0.415	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Chrysene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Chrysene	n/a	=	0.403	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Chrysene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Chrysene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Chrysene	n/a	=	0.334	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Chrysene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Chrysene	n/a	=	0.358	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Chrysene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Chrysene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Chrysene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	94	%	EPA 625.1	-88	-88	52	144	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Chrysene-d12	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	87	%	EPA 625.1	-88	-88	52	144	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Chrysene-d12	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	87	%	EPA 625.1	-88	-88	52	144	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Chrysene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	84	%	EPA 625.1	-88	-88	52	144	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Chrysene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	92	%	EPA 625.1	-88	-88	52	144	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Chrysene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	84	%	EPA 625.1	-88	-88	52	144	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Chrysene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	81	%	EPA 625.1	-88	-88	52	144	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Chrysene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Chrysene-d12	n/a	=	72	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	93	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	82	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	95	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	77	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	90	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	81	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	79	%	EPA 625.1	-88	-88	52	144	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Chrysene-d12	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Chrysene-d12	n/a	=	65	%	EPA 625.1	-88	-88	52	144	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Chrysenes-d12	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Chrysenes-d12	n/a	=	101	%	EPA 625.1	-88	-88	52	144	
2023/24-1	Lab	method blank	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.62	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.76	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Dibromofluoromethane	n/a	=	51.2	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Dibromofluoromethane	n/a	=	49.65	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Dibromofluoromethane	n/a	=	49.32	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Dibromofluoromethane	n/a	=	51.17	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	Dibromofluoromethane	n/a	=	50.73	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	Dibromofluoromethane	n/a	=	49.17	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	Dibromofluoromethane	n/a	=	51.89	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	Dibromofluoromethane	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-CC	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	53.35	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	107	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-SCR	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	49.99	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	49.49	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt field duplicate	11/21/2023	Organic	Dibromofluoromethane	n/a	=	47.83	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt field duplicate, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-FIL	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-HUE	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	106	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	56.1	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	112	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt field blank	11/21/2023	Organic	Dibromofluoromethane	n/a	=	51.85	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt field blank, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt travel blank	11/21/2023	Organic	Dibromofluoromethane	n/a	=	55.26	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	
2023/24-1	MO-MPK	srgt travel blank, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	111	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OJA	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	261.6	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OJA	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OXN	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	257.4	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SIM	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	50.45	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SPA	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	259.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-THO	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-VEN	srgt environ	11/21/2023	Organic	Dibromofluoromethane	n/a	=	251.7	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	11/21/2023	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	method blank	12/22/2023	Organic	Diethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Diethyl phthalate	n/a	=	1	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Diethyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Diethyl phthalate	n/a	=	0.967	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Diethyl phthalate	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Diethyl phthalate	n/a	=	0.859	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Diethyl phthalate	n/a	=	0.927	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Diethyl phthalate	n/a	=	0.0356	µg/L	EPA 625.1	0.01	0.02		25	IL
2023/24-1	Lab	method blank	12/22/2023	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Dimethyl phthalate	n/a	=	0.9	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Dimethyl phthalate	n/a	=	0.883	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Dimethyl phthalate	n/a	=	0.763	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Dimethyl phthalate	n/a	=	0.837	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Dimethyl phthalate	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Dimethyl phthalate	n/a	DNQ	0.0102	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	0.852	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	0.85	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	0.749	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	0.761	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	76	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	0.874	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	0.882	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	0.944	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	0.901	µg/L	EPA 625.1	0.01	0.02			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Di-n-octylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Fluoranthene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Fluoranthene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Fluoranthene	n/a	=	1.77	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Fluoranthene	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Fluoranthene	n/a	=	1.527	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Fluoranthene	n/a	=	1.637	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Fluoranthene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Fluoranthene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Fluorene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Fluorene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Fluorene	n/a	=	1.36	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Fluorene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Fluorene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Fluorene	n/a	=	1.15	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Fluorene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Fluorene	n/a	=	1.26	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Fluorene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Fluorene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Hexachlorobenzene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Hexachlorobenzene	n/a	=	1.28	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Hexachlorobenzene	n/a	=	1.16	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Hexachlorobenzene	n/a	=	1.33	µg/L	EPA 625.1	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	
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Hexachlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Hexachlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	0	25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	0.773	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	0.645	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	0.77	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	0.778	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.831	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.856	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.863	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.842	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Hexachloroethane	n/a	=	0.722	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Hexachloroethane	n/a	=	0.577	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Hexachloroethane	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Hexachloroethane	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Hexachloroethane	n/a	=	0.392	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Hexachloroethane	n/a	=	39	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Hexachloroethane	n/a	=	0.499	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Hexachloroethane	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Hexachloroethane	n/a	=	25	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.75	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.77	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.64	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.76	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Isophorone	n/a	=	0.817	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Isophorone	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Isophorone	n/a	=	0.786	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Isophorone	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Isophorone	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Isophorone	n/a	=	0.626	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Isophorone	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Isophorone	n/a	=	0.685	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Isophorone	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	LCS	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.98	µg/L	EPA 624.1	0.07	5			
2023/24-1	Lab	LCS	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.41	µg/L	EPA 624.1	0.3	5			
2023/24-1	Lab	LCS dup	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	55.02	µg/L	EPA 624.1	0.3	5			
2023/24-1	Lab	LCS dup	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	51.55	µg/L	EPA 624.1	0.07	5			
2023/24-1	Lab	LCS dup, rec	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	110	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	LCS dup, rec	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	LCS, rec	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	LCS, rec	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	LCS, RPD	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	11	%	EPA 624.1	-88	-88	0	30	
2023/24-1	Lab	LCS, RPD	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624.1	-88	-88	0	30	
2023/24-1	Lab	method blank	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5			
2023/24-1	Lab	method blank	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5			
2023/24-1	MO-CAM	field duplicate	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5		25	
2023/24-1	MO-MPK	field blank	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5			
2023/24-1	MO-MPK	travel blank	11/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5			
2023/24-1	Lab	method blank	12/22/2023	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Naphthalene	n/a	=	1.3	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Naphthalene	n/a	=	1.11	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Naphthalene	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Naphthalene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Naphthalene	n/a	=	0.8426	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Naphthalene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Naphthalene	n/a	=	0.9916	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Naphthalene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Naphthalene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Naphthalene	n/a	DNQ	0.0023	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	80	%	EPA 625.1	-88	-88	25	125	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	86	%	EPA 625.1	-88	-88	25	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	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	74	%	EPA 625.1	-88	-88	25	125	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	61	%	EPA 625.1	-88	-88	25	125	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	55	%	EPA 625.1	-88	-88	25	125	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	66	%	EPA 625.1	-88	-88	25	125	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.044	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	44	%	EPA 625.1	-88	-88	25	125	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Naphthalene-d8	n/a	=	0.035	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Naphthalene-d8	n/a	=	35	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.131	µg/L	EPA 625.1	-88	-88			DB
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	131	%	EPA 625.1	-88	-88	25	125	DB
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	77	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	65	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	91	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	90	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	87	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	90	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	75	%	EPA 625.1	-88	-88	25	125	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Naphthalene-d8	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Naphthalene-d8	n/a	=	83	%	EPA 625.1	-88	-88	25	125	
2023/24-1	Lab	method blank	12/22/2023	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	Nitrobenzene	n/a	=	0.72	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Nitrobenzene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Nitrobenzene	n/a	=	0.606	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Nitrobenzene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Nitrobenzene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Nitrobenzene	n/a	=	0.456	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Nitrobenzene	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Nitrobenzene	n/a	=	0.537	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Nitrobenzene	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Nitrobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.329	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	33	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS dup	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.396	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	40	%	EPA 625.1	-88	-88	50	150	PMQO

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.461	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.508	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.716	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.667	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.497	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.566	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.939	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.908	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.785	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.872	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Perylene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 625.1	-88	-88	36	161	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Perylene-d12	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Perylene-d12	n/a	=	100	%	EPA 625.1	-88	-88	36	161	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Perylene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Perylene-d12	n/a	=	102	%	EPA 625.1	-88	-88	36	161	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Perylene-d12	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Perylene-d12	n/a	=	86	%	EPA 625.1	-88	-88	36	161	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Perylene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 625.1	-88	-88	36	161	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Perylene-d12	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Perylene-d12	n/a	=	82	%	EPA 625.1	-88	-88	36	161	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Perylene-d12	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Perylene-d12	n/a	=	88	%	EPA 625.1	-88	-88	36	161	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	66	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	84	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	97	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	70	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	72	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	84	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	73	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	89	%	EPA 625.1	-88	-88	36	161	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Perylene-d12	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Perylene-d12	n/a	=	67	%	EPA 625.1	-88	-88	36	161	
2023/24-1	Lab	method blank	12/22/2023	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Phenanthrene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Phenanthrene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Phenanthrene	n/a	=	1.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Phenanthrene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Phenanthrene	n/a	=	1.2571	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Phenanthrene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Phenanthrene	n/a	=	1.3471	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Phenanthrene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Phenanthrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Phenanthrene	n/a	DNQ	0.0028	µg/L	EPA 625.1	0.001	0.005			25
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	85	%	EPA 625.1	-88	-88	43	129	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	95	%	EPA 625.1	-88	-88	43	129	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	92	%	EPA 625.1	-88	-88	43	129	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	80	%	EPA 625.1	-88	-88	43	129	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	79	%	EPA 625.1	-88	-88	43	129	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625.1	-88	-88	43	129	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	58	%	EPA 625.1	-88	-88	43	129	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Phenanthrene-d10	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Phenanthrene-d10	n/a	=	62	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.078	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	
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	78	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	79	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	83	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	76	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	66	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	78	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	72	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	83	%	EPA 625.1	-88	-88	43	129	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Phenanthrene-d10	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Phenanthrene-d10	n/a	=	70	%	EPA 625.1	-88	-88	43	129	
2023/24-1	Lab	method blank	12/22/2023	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS	12/22/2023	Organic	Phenol	n/a	=	0.519	µg/L	EPA 625.1	0.1	0.2			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Phenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Phenol	n/a	=	0.416	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Phenol	n/a	=	42	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Phenol	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Phenol	n/a	DNQ	0.198	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Phenol	n/a	=	20	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Phenol	n/a	=	0.207	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Phenol	n/a	=	21	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Phenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Phenol-d5	n/a	=	0.023	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	0	130	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Phenol-d5	n/a	=	0.027	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	0	130	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Phenol-d5	n/a	=	0.022	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Phenol-d5	n/a	=	22	%	EPA 625.1	-88	-88	0	130	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Phenol-d5	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Phenol-d5	n/a	=	71	%	EPA 625.1	-88	-88	0	130	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Phenol-d5	n/a	=	0.037	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	0	130	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Phenol-d5	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Phenol-d5	n/a	=	41	%	EPA 625.1	-88	-88	0	130	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Phenol-d5	n/a	=	0.042	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	0	130	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Phenol-d5	n/a	=	0.033	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	51	%	EPA 625.1	-88	-88	0	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	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.042	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	57	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	50	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-oxN	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-oxN	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.02	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	20	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	68	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.026	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	0	130	
2023/24-1	MO-ven	srgt environ	12/23/2023	Organic	Phenol-d5	n/a	=	0.043	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-ven	srgt environ, rec	12/23/2023	Organic	Phenol-d5	n/a	=	43	%	EPA 625.1	-88	-88	0	130	
2023/24-1	Lab	method blank	12/22/2023	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Organic	Pyrene	n/a	=	1.86	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Organic	Pyrene	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Organic	Pyrene	n/a	=	1.82	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Organic	Pyrene	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Organic	Pyrene	n/a	=	1.576	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Organic	Pyrene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Organic	Pyrene	n/a	=	1.656	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Organic	Pyrene	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Organic	Pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Organic	Pyrene	n/a	DNQ	0.0042	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	srgt method blank	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 625.1	-88	-88	6	124	
2023/24-1	Lab	srgt LCS	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 625.1	-88	-88	6	124	
2023/24-1	Lab	srgt LCS dup	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 625.1	-88	-88	6	124	
2023/24-1	ME-CC	srgt environ	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 625.1	-88	-88	6	124	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.059	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 625.1	-88	-88	6	124	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 625.1	-88	-88	6	124	
2023/24-1	ME-SCR	srgt environ	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.036	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 625.1	-88	-88	6	124	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.035	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	35	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-CAM	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.113	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	113	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-FIL	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.059	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	
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-HUE	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-MPK	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-OXN	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-SIM	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-SPA	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-THO	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 625.1	-88	-88	6	124	
2023/24-1	MO-VEN	srgt environ	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 625.1	-88	-88	6	124	
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Toluene-d8	n/a	=	51.13	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Toluene-d8	n/a	=	50.31	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Toluene-d8	n/a	=	44.97	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS	11/21/2023	Organic	Toluene-d8	n/a	=	50.91	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	Toluene-d8	n/a	=	50.46	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup	11/21/2023	Organic	Toluene-d8	n/a	=	50.17	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS dup, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt LCS, rec	11/21/2023	Organic	Toluene-d8	n/a	=	90	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank	11/21/2023	Organic	Toluene-d8	n/a	=	50.52	µg/L	EPA 624.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-CC	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	48.95	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-1	ME-SCR	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	50.19	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-CAM	srgt field duplicate	11/21/2023	Organic	Toluene-d8	n/a	=	47.76	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-CAM	srgt field duplicate, rec	11/21/2023	Organic	Toluene-d8	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-FIL	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-HUE	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	46.87	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	49.97	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-MPK	srgt field blank	11/21/2023	Organic	Toluene-d8	n/a	=	49.76	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt field blank, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-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	
2023/24-1	MO-MPK	srgt travel blank	11/21/2023	Organic	Toluene-d8	n/a	=	50.79	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-MPK	srgt travel blank, rec	11/21/2023	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OJA	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	249.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OJA	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-OXN	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	253.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SIM	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	51.63	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-SPA	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	250.6	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-THO	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	50.39	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	MO-VEN	srgt environ	11/21/2023	Organic	Toluene-d8	n/a	=	252.9	µg/L	EPA 624.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	11/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-1	Lab	srgt method blank	12/22/2023	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	PCB	PCB 030	n/a	=	92	%	EPA 625.1	-88	-88	52	124	
2023/24-1	Lab	srgt LCS	12/22/2023	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-1	Lab	srgt LCS dup	12/22/2023	PCB	PCB 030	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	PCB	PCB 030	n/a	=	91	%	EPA 625.1	-88	-88	52	124	
2023/24-1	ME-CC	srgt environ	12/22/2023	PCB	PCB 030	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	PCB	PCB 030	n/a	=	55	%	EPA 625.1	-88	-88	52	124	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	PCB	PCB 030	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	PCB	PCB 030	n/a	=	71	%	EPA 625.1	-88	-88	52	124	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	PCB	PCB 030	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	PCB	PCB 030	n/a	=	84	%	EPA 625.1	-88	-88	52	124	
2023/24-1	ME-SCR	srgt environ	12/22/2023	PCB	PCB 030	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	PCB	PCB 030	n/a	=	100	%	EPA 625.1	-88	-88	52	124	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	PCB	PCB 030	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	PCB	PCB 030	n/a	=	83	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-CAM	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-FIL	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	63	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-HUE	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	77	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-MPK	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-OXN	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-SIM	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-SPA	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	73	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-THO	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	73	%	EPA 625.1	-88	-88	52	124	
2023/24-1	MO-VEN	srgt environ	12/23/2023	PCB	PCB 030	n/a	=	0.071	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	
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	PCB	PCB 030	n/a	=	71	%	EPA 625.1	-88	-88	52	124	
2023/24-1	Lab	srgt method blank	12/22/2023	PCB	PCB 112	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	PCB	PCB 112	n/a	=	92	%	EPA 625.1	-88	-88	49	133	
2023/24-1	Lab	srgt LCS	12/22/2023	PCB	PCB 112	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	PCB	PCB 112	n/a	=	83	%	EPA 625.1	-88	-88	49	133	
2023/24-1	Lab	srgt LCS dup	12/22/2023	PCB	PCB 112	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	PCB	PCB 112	n/a	=	87	%	EPA 625.1	-88	-88	49	133	
2023/24-1	ME-CC	srgt environ	12/22/2023	PCB	PCB 112	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	PCB	PCB 112	n/a	=	73	%	EPA 625.1	-88	-88	49	133	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	PCB	PCB 112	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	PCB	PCB 112	n/a	=	69	%	EPA 625.1	-88	-88	49	133	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	PCB	PCB 112	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	PCB	PCB 112	n/a	=	80	%	EPA 625.1	-88	-88	49	133	
2023/24-1	ME-SCR	srgt environ	12/22/2023	PCB	PCB 112	n/a	=	0.064	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	PCB	PCB 112	n/a	=	64	%	EPA 625.1	-88	-88	49	133	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	PCB	PCB 112	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	PCB	PCB 112	n/a	=	70	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-CAM	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	58	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-FIL	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	65	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-HUE	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	72	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-MPK	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	54	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-OXN	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	85	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-SIM	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.053	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	53	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-SPA	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	83	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-THO	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	79	%	EPA 625.1	-88	-88	49	133	
2023/24-1	MO-VEN	srgt environ	12/23/2023	PCB	PCB 112	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	PCB	PCB 112	n/a	=	50	%	EPA 625.1	-88	-88	49	133	
2023/24-1	Lab	srgt method blank	12/22/2023	PCB	PCB 198	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt method blank, rec	12/22/2023	PCB	PCB 198	n/a	=	82	%	EPA 625.1	-88	-88	60	129	
2023/24-1	Lab	srgt LCS	12/22/2023	PCB	PCB 198	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS, rec	12/22/2023	PCB	PCB 198	n/a	=	101	%	EPA 625.1	-88	-88	60	129	
2023/24-1	Lab	srgt LCS dup	12/22/2023	PCB	PCB 198	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-1	Lab	srgt LCS dup, rec	12/22/2023	PCB	PCB 198	n/a	=	97	%	EPA 625.1	-88	-88	60	129	
2023/24-1	ME-CC	srgt environ	12/22/2023	PCB	PCB 198	n/a	=	0.128	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-CC	srgt environ, rec	12/22/2023	PCB	PCB 198	n/a	=	128	%	EPA 625.1	-88	-88	60	129	
2023/24-1	ME-SCR	srgt matrix spike	12/22/2023	PCB	PCB 198	n/a	=	0.116	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike, rec	12/22/2023	PCB	PCB 198	n/a	=	116	%	EPA 625.1	-88	-88	60	129	
2023/24-1	ME-SCR	srgt matrix spike dup	12/22/2023	PCB	PCB 198	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt matrix spike dup, rec	12/22/2023	PCB	PCB 198	n/a	=	106	%	EPA 625.1	-88	-88	60	129	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	srgt environ	12/22/2023	PCB	PCB 198	n/a	=	0.115	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt environ, rec	12/22/2023	PCB	PCB 198	n/a	=	115	%	EPA 625.1	-88	-88	60	129	
2023/24-1	ME-SCR	srgt lab duplicate	12/22/2023	PCB	PCB 198	n/a	=	0.118	µg/L	EPA 625.1	-88	-88			
2023/24-1	ME-SCR	srgt lab duplicate, rec	12/22/2023	PCB	PCB 198	n/a	=	118	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-CAM	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-CAM	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	96	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-FIL	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.105	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-FIL	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	105	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-HUE	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.122	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-HUE	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	122	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-MPK	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-MPK	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	66	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-OXN	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-OXN	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	79	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-SIM	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SIM	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	92	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-SPA	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-SPA	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	98	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-THO	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-THO	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	103	%	EPA 625.1	-88	-88	60	129	
2023/24-1	MO-VEN	srgt environ	12/23/2023	PCB	PCB 198	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-1	MO-VEN	srgt environ, rec	12/23/2023	PCB	PCB 198	n/a	=	67	%	EPA 625.1	-88	-88	60	129	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	lab duplicate	12/22/2023	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	11/27/2023	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-1	Lab	LCS	11/27/2023	Pesticide	2,4,5-TP	n/a	=	2.3575	µg/L	EPA 615	0.2	0.5			
2023/24-1	Lab	LCS, rec	11/27/2023	Pesticide	2,4,5-TP	n/a	=	94.3	%	EPA 615	-88	-88	66	147	
2023/24-1	Lab	LCS dup	11/27/2023	Pesticide	2,4,5-TP	n/a	=	2.575	µg/L	EPA 615	0.2	0.5			
2023/24-1	Lab	LCS dup, rec	11/27/2023	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 615	-88	-88	66	147	
2023/24-1	Lab	LCS, RPD	11/27/2023	Pesticide	2,4,5-TP	n/a	=	9.2	%	EPA 615	-88	-88	0	30	
2023/24-1	ME-CC	matrix spike	11/27/2023	Pesticide	2,4,5-TP	n/a	=	2.3575	µg/L	EPA 615	0.2	0.5			
2023/24-1	ME-CC	matrix spike, rec	11/27/2023	Pesticide	2,4,5-TP	n/a	=	94.3	%	EPA 615	-88	-88	66	147	
2023/24-1	ME-SCR	matrix spike	11/27/2023	Pesticide	2,4,5-TP	n/a	=	2.55	µg/L	EPA 615	0.2	0.5			
2023/24-1	ME-SCR	matrix spike, rec	11/27/2023	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 615	-88	-88	66	147	
2023/24-1	Lab	method blank	11/27/2023	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	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	
2023/24-1	Lab	LCS	11/27/2023	Pesticide	2,4-D	n/a	=	5.1	µg/L	EPA 615	0.47	1			
2023/24-1	Lab	LCS, rec	11/27/2023	Pesticide	2,4-D	n/a	=	102	%	EPA 615	-88	-88	58	159	
2023/24-1	Lab	LCS dup	11/27/2023	Pesticide	2,4-D	n/a	=	5.55	µg/L	EPA 615	0.47	1			
2023/24-1	Lab	LCS dup, rec	11/27/2023	Pesticide	2,4-D	n/a	=	111	%	EPA 615	-88	-88	58	159	
2023/24-1	Lab	LCS, RPD	11/27/2023	Pesticide	2,4-D	n/a	=	8.1	%	EPA 615	-88	-88	0	30	
2023/24-1	ME-CC	matrix spike	11/27/2023	Pesticide	2,4-D	n/a	=	5.05	µg/L	EPA 615	0.47	1			
2023/24-1	ME-CC	matrix spike, rec	11/27/2023	Pesticide	2,4-D	n/a	=	101	%	EPA 615	-88	-88	58	159	
2023/24-1	ME-SCR	matrix spike	11/27/2023	Pesticide	2,4-D	n/a	=	5.55	µg/L	EPA 615	0.47	1			
2023/24-1	ME-SCR	matrix spike, rec	11/27/2023	Pesticide	2,4-D	n/a	=	111	%	EPA 615	-88	-88	58	159	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	4,4'-DDD	n/a	=	0.38	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	4,4'-DDD	n/a	=	0.387	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	4,4'-DDD	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	4,4'-DDD	n/a	=	0.446	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	4,4'-DDD	n/a	=	0.461	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	4,4'-DDD	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	4,4'-DDE	n/a	=	0.586	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	4,4'-DDE	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	4,4'-DDE	n/a	=	0.604	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	4,4'-DDE	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	4,4'-DDE	n/a	=	0.5462	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	4,4'-DDE	n/a	=	0.6142	µg/L	EPA 625.1	0.0008	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	4,4'-DDE	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	4,4'-DDE	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	4,4'-DDE	n/a	=	0.0021	µg/L	EPA 625.1	0.0008	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	4,4'-DDT	n/a	=	0.494	µg/L	EPA 625.1	0.0005	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	4,4'-DDT	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	4,4'-DDT	n/a	=	0.51	µg/L	EPA 625.1	0.0005	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	4,4'-DDT	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	4,4'-DDT	n/a	=	0.5271	µg/L	EPA 625.1	0.0005	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	4,4'-DDT	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	4,4'-DDT	n/a	=	0.5161	µg/L	EPA 625.1	0.0005	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	4,4'-DDT	n/a	=	0.0228	µg/L	EPA 625.1	0.0005	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Aldrin	n/a	=	0.444	µg/L	EPA 625.1	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	
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Aldrin	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Aldrin	n/a	=	0.457	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Aldrin	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Aldrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Aldrin	n/a	=	0.433	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Aldrin	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Aldrin	n/a	=	0.502	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Aldrin	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Aldrin	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	alpha-BHC	n/a	=	0.425	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	alpha-BHC	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	alpha-BHC	n/a	=	0.444	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	alpha-BHC	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	alpha-BHC	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	alpha-BHC	n/a	=	0.424	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	alpha-BHC	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	alpha-BHC	n/a	=	0.485	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	alpha-BHC	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	alpha-BHC	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	0.355	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	0.373	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	0.3538	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	0.3928	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	alpha-Chlordane	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	alpha-Chlordane	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.0007	0.002		25	IL
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Atrazine	n/a	=	0.474	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Atrazine	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Atrazine	n/a	=	0.471	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Atrazine	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Atrazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Atrazine	n/a	=	0.54	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Atrazine	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Atrazine	n/a	=	0.534	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Atrazine	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Atrazine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-1	Lab	LCS	12/22/2023	Pesticide	beta-BHC	n/a	=	0.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	beta-BHC	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	beta-BHC	n/a	=	0.539	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	beta-BHC	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	beta-BHC	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	beta-BHC	n/a	=	0.562	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	beta-BHC	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	beta-BHC	n/a	=	0.574	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	beta-BHC	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	beta-BHC	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	0.413	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	0.44	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	0.429	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	0.509	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Chlorpyrifos	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Cyanazine	n/a	=	0.502	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Cyanazine	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Cyanazine	n/a	=	0.492	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Cyanazine	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Cyanazine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Cyanazine	n/a	=	0.552	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Cyanazine	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Cyanazine	n/a	=	0.454	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Cyanazine	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Cyanazine	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	delta-BHC	n/a	=	0.459	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	delta-BHC	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	delta-BHC	n/a	=	0.483	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	delta-BHC	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	delta-BHC	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	delta-BHC	n/a	=	0.446	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	delta-BHC	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	delta-BHC	n/a	=	0.518	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	delta-BHC	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	delta-BHC	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		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	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Diazinon	n/a	=	0.361	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Diazinon	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Diazinon	n/a	=	0.385	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Diazinon	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Diazinon	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Diazinon	n/a	=	0.406	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Diazinon	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Diazinon	n/a	=	0.491	µg/L	EPA 625.1	0.0005	0.001			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Diazinon	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Diazinon	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Dieldrin	n/a	=	0.388	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Dieldrin	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Dieldrin	n/a	=	0.424	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Dieldrin	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Dieldrin	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Dieldrin	n/a	=	0.357	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Dieldrin	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Dieldrin	n/a	=	0.411	µg/L	EPA 625.1	0.001	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Dieldrin	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Dieldrin	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Endosulfan I	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Endosulfan I	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Endosulfan I	n/a	=	0.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Endosulfan I	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Endosulfan I	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Endosulfan I	n/a	=	0.452	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Endosulfan I	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Endosulfan I	n/a	=	0.484	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Endosulfan I	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Endosulfan I	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Endosulfan II	n/a	=	0.466	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Endosulfan II	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Endosulfan II	n/a	=	0.461	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Endosulfan II	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Endosulfan II	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Endosulfan II	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Endosulfan II	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Endosulfan II	n/a	=	0.466	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Endosulfan II	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Endosulfan II	n/a	=	10	%	EPA 625.1	-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	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	0.623	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	0.638	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	128	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	0.636	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	0.636	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Endrin	n/a	=	0.499	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Endrin	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Endrin	n/a	=	0.484	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Endrin	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Endrin	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Endrin	n/a	=	0.806	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Endrin	n/a	=	143	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Endrin	n/a	=	0.903	µg/L	EPA 625.1	0.001	0.005			M,PMQO
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Endrin	n/a	=	166	%	EPA 625.1	-88	-88	50	150	M,PMQO
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Endrin	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	0.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	0.315	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	0.353	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	0.378	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.541	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.584	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.519	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.555	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	102	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	0.348	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	0.353	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	0.352	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	0.39	µg/L	EPA 625.1	0.0007	0.002			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	gamma-Chlordane	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	gamma-Chlordane	n/a	DNQ	0.001	µg/L	EPA 625.1	0.0007	0.002		25	
2023/24-1	000NONPJ	matrix spike	11/27/2023	Pesticide	Glyphosate	n/a	=	47.35	µg/L	EPA 547	2.1	5			
2023/24-1	000NONPJ	matrix spike, rec	11/27/2023	Pesticide	Glyphosate	n/a	=	94.7	%	EPA 547	-88	-88	86	110	
2023/24-1	000NONPJ	matrix spike	11/27/2023	Pesticide	Glyphosate	n/a	=	46.6	µg/L	EPA 547	2.1	5			
2023/24-1	000NONPJ	matrix spike, rec	11/27/2023	Pesticide	Glyphosate	n/a	=	93.2	%	EPA 547	-88	-88	86	110	
2023/24-1	Lab	method blank	11/27/2023	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-1	Lab	LCS	11/27/2023	Pesticide	Glyphosate	n/a	=	49.15	µg/L	EPA 547	2.1	5			
2023/24-1	Lab	LCS, rec	11/27/2023	Pesticide	Glyphosate	n/a	=	98.3	%	EPA 547	-88	-88	86	110	
2023/24-1	Lab	LCS dup	11/27/2023	Pesticide	Glyphosate	n/a	=	49.3	µg/L	EPA 547	2.1	5			
2023/24-1	Lab	LCS dup, rec	11/27/2023	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	86	110	
2023/24-1	Lab	LCS, RPD	11/27/2023	Pesticide	Glyphosate	n/a	=	0.2	%	EPA 547	-88	-88	0	30	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Heptachlor	n/a	=	0.651	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Heptachlor	n/a	=	130	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Heptachlor	n/a	=	0.701	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Heptachlor	n/a	=	140	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Heptachlor	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Heptachlor	n/a	=	0.665	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Heptachlor	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Heptachlor	n/a	=	0.818	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Heptachlor	n/a	=	150	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Heptachlor	n/a	=	24	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	0.435	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	0.463	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	0.466	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	0.552	µg/L	EPA 625.1	0.001	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Heptachlor epoxide	n/a	=	20	%	EPA 625.1	-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	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Malathion	n/a	=	0.428	µg/L	EPA 625.1	0.0025	0.005			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Malathion	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Malathion	n/a	=	0.474	µg/L	EPA 625.1	0.0025	0.005			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Malathion	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Malathion	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Malathion	n/a	=	0.531	µg/L	EPA 625.1	0.0025	0.005			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Malathion	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Malathion	n/a	=	0.623	µg/L	EPA 625.1	0.0025	0.005			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Malathion	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Malathion	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	0.918	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	0.959	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	1.33	µg/L	EPA 625.1	0.05	0.1			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Pentachlorophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Prometryn	n/a	=	0.562	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Prometryn	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Prometryn	n/a	=	0.563	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Prometryn	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Prometryn	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Prometryn	n/a	=	0.648	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Prometryn	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Prometryn	n/a	=	0.645	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Prometryn	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Prometryn	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-1	Lab	method blank	12/22/2023	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS	12/22/2023	Pesticide	Simazine	n/a	=	0.569	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS, rec	12/22/2023	Pesticide	Simazine	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/22/2023	Pesticide	Simazine	n/a	=	0.552	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	Lab	LCS dup, rec	12/22/2023	Pesticide	Simazine	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/22/2023	Pesticide	Simazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/22/2023	Pesticide	Simazine	n/a	=	0.638	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike, rec	12/22/2023	Pesticide	Simazine	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/22/2023	Pesticide	Simazine	n/a	=	0.647	µg/L	EPA 625.1	0.005	0.01			
2023/24-1	ME-SCR	matrix spike dup, rec	12/22/2023	Pesticide	Simazine	n/a	=	119	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-1	ME-SCR	matrix spike, RPD	12/22/2023	Pesticide	Simazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/22/2023	Pesticide	Simazine	n/a	DNQ	0.0055	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-1	Lab	method blank	12/14/2023	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-1	Lab	LCS	12/14/2023	Pesticide	Toxaphene	n/a	=	5.44	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-1	Lab	LCS, rec	12/14/2023	Pesticide	Toxaphene	n/a	=	109	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-1	Lab	LCS dup	12/15/2023	Pesticide	Toxaphene	n/a	=	5.67	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-1	Lab	LCS dup, rec	12/15/2023	Pesticide	Toxaphene	n/a	=	113	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-1	Lab	LCS, RPD	12/15/2023	Pesticide	Toxaphene	n/a	=	4	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-1	ME-SCR	matrix spike	12/15/2023	Pesticide	Toxaphene	n/a	=	5.51	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-1	ME-SCR	matrix spike, rec	12/15/2023	Pesticide	Toxaphene	n/a	=	98	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike dup	12/15/2023	Pesticide	Toxaphene	n/a	=	5.91	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-1	ME-SCR	matrix spike dup, rec	12/15/2023	Pesticide	Toxaphene	n/a	=	109	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-1	ME-SCR	matrix spike, RPD	12/15/2023	Pesticide	Toxaphene	n/a	=	11	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-1	ME-SCR	lab duplicate	12/15/2023	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025		25	
2023/24-2	000NONPJ	lab duplicate	1/9/2024	Anion	Chloride	n/a	=	11.676	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-2	000NONPJ	matrix spike	1/9/2024	Anion	Chloride	n/a	=	16.91	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	matrix spike dup	1/9/2024	Anion	Chloride	n/a	=	16.475	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	matrix spike dup, rec	1/9/2024	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	70	130	
2023/24-2	000NONPJ	matrix spike, rec	1/9/2024	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	70	130	
2023/24-2	000NONPJ	matrix spike, RPD	1/9/2024	Anion	Chloride	n/a	=	9	%	EPA 300.0	-88	-88	0	25	
2023/24-2	Lab	LCS	1/9/2024	Anion	Chloride	n/a	=	4.623	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	Lab	LCS dup	1/9/2024	Anion	Chloride	n/a	=	4.651	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/9/2024	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	70	130	
2023/24-2	Lab	LCS, rec	1/9/2024	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	70	130	
2023/24-2	Lab	LCS, RPD	1/9/2024	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-2	Lab	method blank	1/9/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	lab duplicate	1/9/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-2	000NONPJ	matrix spike	1/9/2024	Anion	Fluoride	n/a	=	2.027	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	matrix spike dup	1/9/2024	Anion	Fluoride	n/a	=	2.015	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	matrix spike dup, rec	1/9/2024	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	1/9/2024	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	1/9/2024	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-2	Lab	LCS	1/9/2024	Anion	Fluoride	n/a	=	1.978	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	Lab	LCS dup	1/9/2024	Anion	Fluoride	n/a	=	1.978	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/9/2024	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/9/2024	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/9/2024	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-2	Lab	method blank	1/9/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-2	000NONPJ	matrix spike	12/20/2023	Anion	Perchlorate	Total	=	52.387	µg/L	EPA 314.0	1.2	4			
2023/24-2	000NONPJ	matrix spike dup	12/20/2023	Anion	Perchlorate	Total	=	52.227	µg/L	EPA 314.0	1.2	4			
2023/24-2	000NONPJ	matrix spike dup, rec	12/20/2023	Anion	Perchlorate	Total	=	104	%	EPA 314.0	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	12/20/2023	Anion	Perchlorate	Total	=	105	%	EPA 314.0	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	12/20/2023	Anion	Perchlorate	Total	=	0	%	EPA 314.0	-88	-88	0	15	
2023/24-2	Lab	LCS	12/20/2023	Anion	Perchlorate	Total	=	51.45	µg/L	EPA 314.0	1.2	4			
2023/24-2	Lab	LCS, rec	12/20/2023	Anion	Perchlorate	Total	=	103	%	EPA 314.0	-88	-88	85	115	
2023/24-2	Lab	method blank	12/20/2023	Anion	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4			
2023/24-2	Lab	method blank	12/20/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-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	
2023/24-2	Lab	method blank	12/20/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-2	Lab	LCS	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1	1			
2023/24-2	Lab	LCS dup	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	97	mg/L	SM 2320 B	1	1			
2023/24-2	Lab	LCS dup, rec	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0	25	
2023/24-2	Lab	method blank	12/26/2023	Conventional	Alkalinity as CaCO3	n/a	<	1	mg/L	SM 2320 B	1	1			
2023/24-2	000NONPJ	lab duplicate	12/26/2023	Conventional	BOD	n/a	=	468	mg/L	SM 5210 B	-88	3		20	
2023/24-2	Lab	LCS	12/26/2023	Conventional	BOD	n/a	=	177	mg/L	SM 5210 B	-88	3			
2023/24-2	Lab	LCS, rec	12/26/2023	Conventional	BOD	n/a	=	89	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-2	Lab	method blank	12/26/2023	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-2	000NONPJ	matrix spike	12/21/2023	Conventional	COD	n/a	=	110	mg/L	SM 5220 D	3.2	8			
2023/24-2	000NONPJ	matrix spike dup	12/21/2023	Conventional	COD	n/a	=	114	mg/L	SM 5220 D	3.2	8			
2023/24-2	000NONPJ	matrix spike dup, rec	12/21/2023	Conventional	COD	n/a	=	114	%	SM 5220 D	-88	-88	77	120	
2023/24-2	000NONPJ	matrix spike, rec	12/21/2023	Conventional	COD	n/a	=	110	%	SM 5220 D	-88	-88	77	120	
2023/24-2	000NONPJ	matrix spike, RPD	12/21/2023	Conventional	COD	n/a	=	3	%	SM 5220 D	-88	-88	0	20	
2023/24-2	000NONPJ	matrix spike	12/27/2023	Conventional	COD	n/a	=	1126	mg/L	SM 5220 D	1.6	4			
2023/24-2	000NONPJ	matrix spike dup	12/27/2023	Conventional	COD	n/a	=	1070	mg/L	SM 5220 D	1.6	4			
2023/24-2	000NONPJ	matrix spike dup, rec	12/27/2023	Conventional	COD	n/a	=	107	%	SM 5220 D	-88	-88	77	120	
2023/24-2	000NONPJ	matrix spike, rec	12/27/2023	Conventional	COD	n/a	=	113	%	SM 5220 D	-88	-88	77	120	
2023/24-2	000NONPJ	matrix spike, RPD	12/27/2023	Conventional	COD	n/a	=	4	%	SM 5220 D	-88	-88	0	20	
2023/24-2	Lab	LCS	12/21/2023	Conventional	COD	n/a	=	105	mg/L	SM 5220 D	1.6	4			
2023/24-2	Lab	LCS, rec	12/21/2023	Conventional	COD	n/a	=	105	%	SM 5220 D	-88	-88	90	110	
2023/24-2	Lab	method blank	12/21/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-2	Lab	LCS	12/27/2023	Conventional	COD	n/a	=	1090	mg/L	SM 5220 D	1.6	4			
2023/24-2	Lab	LCS, rec	12/27/2023	Conventional	COD	n/a	=	109	%	SM 5220 D	-88	-88	90	110	
2023/24-2	Lab	method blank	12/27/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-2	000NONPJ	matrix spike	12/21/2023	Conventional	Cyanide	Total	=	0.1967	mg/L	EPA 335.4	0.0016	0.005			
2023/24-2	000NONPJ	matrix spike dup	12/21/2023	Conventional	Cyanide	Total	=	0.2011	mg/L	EPA 335.4	0.0016	0.005			
2023/24-2	000NONPJ	matrix spike dup, rec	12/21/2023	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2023/24-2	000NONPJ	matrix spike, rec	12/21/2023	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2023/24-2	000NONPJ	matrix spike, RPD	12/21/2023	Conventional	Cyanide	Total	=	2	%	EPA 335.4	-88	-88	0	20	
2023/24-2	Lab	LCS	12/21/2023	Conventional	Cyanide	Total	=	0.1979	mg/L	EPA 335.4	0.0016	0.005			
2023/24-2	Lab	LCS, rec	12/21/2023	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2023/24-2	Lab	method blank	12/21/2023	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-2	MO-MEI	lab duplicate	1/29/2024	Conventional	Hardness as CaCO3	Total	=	43.9	mg/L	SM 2340 B	0.1	0.5	0	25	
2023/24-2	Lab	LCS	12/21/2023	Conventional	MBAS	n/a	=	0.097	mg/L	SM 5540 C	0.02	0.05			
2023/24-2	Lab	LCS dup	12/21/2023	Conventional	MBAS	n/a	=	0.0903	mg/L	SM 5540 C	0.02	0.05			
2023/24-2	Lab	LCS dup, rec	12/21/2023	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/21/2023	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/21/2023	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	25	
2023/24-2	Lab	method blank	12/21/2023	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-2	MO-MEI	lab duplicate	12/21/2023	Conventional	MBAS	n/a	=	0.293	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-2	MO-MEI	matrix spike	12/21/2023	Conventional	MBAS	n/a	=	0.087	mg/L	SM 5540 C	0.02	0.05			
2023/24-2	MO-MEI	matrix spike dup	12/21/2023	Conventional	MBAS	n/a	=	0.093	mg/L	SM 5540 C	0.02	0.05			
2023/24-2	MO-MEI	matrix spike dup, rec	12/21/2023	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, rec	12/21/2023	Conventional	MBAS	n/a	=	87	%	SM 5540 C	-88	-88	80	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	
2023/24-2	MO-MEI	matrix spike, RPD	12/21/2023	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	25	
2023/24-2	Lab	LCS	1/4/2024	Conventional	Specific Conductance	n/a	=	21000	µmhos/cm	SM 2510 B	1	1			
2023/24-2	Lab	LCS dup	1/4/2024	Conventional	Specific Conductance	n/a	=	20600	µmhos/cm	SM 2510 B	1	1			
2023/24-2	Lab	LCS dup, rec	1/4/2024	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/4/2024	Conventional	Specific Conductance	n/a	=	105	%	SM 2510 B	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/4/2024	Conventional	Specific Conductance	n/a	=	2	%	SM 2510 B	-88	-88	0	25	
2023/24-2	Lab	method blank	1/4/2024	Conventional	Specific Conductance	n/a	<	1	µmhos/cm	SM 2510 B	1	1			
2023/24-2	MO-MEI	lab duplicate	1/4/2024	Conventional	Specific Conductance	n/a	=	116	µmhos/cm	SM 2510 B	1	1	0	25	
2023/24-2	Lab	LCS	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	1030	mg/L	SM 2540 C	6.3	10			
2023/24-2	Lab	LCS dup	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	1040	mg/L	SM 2540 C	6.3	10			
2023/24-2	Lab	LCS dup, rec	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	104	%	SM 2540 C	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	103	%	SM 2540 C	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	1	%	SM 2540 C	-88	-88	0	25	
2023/24-2	Lab	method blank	12/26/2023	Conventional	Total Dissolved Solids	n/a	<	6.3	mg/L	SM 2540 C	6.3	10			
2023/24-2	MO-MEI	lab duplicate	12/26/2023	Conventional	Total Dissolved Solids	n/a	=	126	mg/L	SM 2540 C	6.3	10		10	
2023/24-2	Lab	LCS	1/25/2024	Conventional	Total Organic Carbon	n/a	=	9.82	mg/L	SM 5310 B	0.2	0.44			
2023/24-2	Lab	LCS dup	1/25/2024	Conventional	Total Organic Carbon	n/a	=	9.59	mg/L	SM 5310 B	0.2	0.44			
2023/24-2	Lab	LCS dup, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/25/2024	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	25	
2023/24-2	Lab	method blank	1/25/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-2	MO-MEI	lab duplicate	1/25/2024	Conventional	Total Organic Carbon	n/a	=	28.1	mg/L	SM 5310 B	0.2	0.44	0	25	
2023/24-2	MO-MEI	matrix spike	1/25/2024	Conventional	Total Organic Carbon	n/a	=	14.8	mg/L	SM 5310 B	0.2	0.44			CT
2023/24-2	MO-MEI	matrix spike dup	1/25/2024	Conventional	Total Organic Carbon	n/a	=	14.6	mg/L	SM 5310 B	0.2	0.44			CT
2023/24-2	MO-MEI	matrix spike dup, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	146	%	SM 5310 B	-88	-88	80	120	CT
2023/24-2	MO-MEI	matrix spike, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	148	%	SM 5310 B	-88	-88	80	120	CT
2023/24-2	MO-MEI	matrix spike, RPD	1/25/2024	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2023/24-2	Lab	LCS	12/22/2023	Conventional	Total Suspended Solids	n/a	=	99.6	mg/L	SM 2540 D	0.5	0.5			
2023/24-2	Lab	LCS dup	12/22/2023	Conventional	Total Suspended Solids	n/a	=	100.4	mg/L	SM 2540 D	0.5	0.5			
2023/24-2	Lab	LCS dup, rec	12/22/2023	Conventional	Total Suspended Solids	n/a	=	100	%	SM 2540 D	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/22/2023	Conventional	Total Suspended Solids	n/a	=	100	%	SM 2540 D	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/22/2023	Conventional	Total Suspended Solids	n/a	=	0	%	SM 2540 D	-88	-88	0	25	
2023/24-2	Lab	method blank	12/22/2023	Conventional	Total Suspended Solids	n/a	<	0.5	mg/L	SM 2540 D	0.5	0.5			
2023/24-2	Lab	method blank	12/21/2023	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-2	MO-MEI	lab duplicate	12/21/2023	Conventional	Turbidity	n/a	=	85.2	NTU	EPA 180.1	0.02	0.02		10	
2023/24-2	Lab	method blank	12/26/2023	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-2	Lab	srgt LCS	12/20/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0204	mg/L	EPA 8015B	-88	-88			
2023/24-2	Lab	srgt LCS dup	12/20/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0194	mg/L	EPA 8015B	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/20/2023	Hydrocarbon	n-Triacontane	n/a	=	97	%	EPA 8015B	-88	-88	35	130	
2023/24-2	Lab	srgt LCS, rec	12/20/2023	Hydrocarbon	n-Triacontane	n/a	=	102	%	EPA 8015B	-88	-88	35	130	
2023/24-2	Lab	srgt method blank	12/21/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0193	mg/L	EPA 8015B	-88	-88			
2023/24-2	Lab	srgt method blank, rec	12/21/2023	Hydrocarbon	n-Triacontane	n/a	=	97	%	EPA 8015B	-88	-88	35	130	
2023/24-2	MO-MEI	srgt environ	12/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0189	mg/L	EPA 8015B	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/22/2023	Hydrocarbon	n-Triacontane	n/a	=	96	%	EPA 8015B	-88	-88	35	130	
2023/24-2	MO-OJA	srgt environ	12/22/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0217	mg/L	EPA 8015B	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	12/22/2023	Hydrocarbon	n-Triacontane	n/a	=	110	%	EPA 8015B	-88	-88	35	130	
2023/24-2	000NONPJ	lab duplicate	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	1.29	mg/L	EPA 1664B	1	1	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	
2023/24-2	000NONPJ	matrix spike	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	31.1	mg/L	EPA 1664B	1	1			
2023/24-2	000NONPJ	matrix spike dup	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	30.6	mg/L	EPA 1664B	1	1			
2023/24-2	000NONPJ	matrix spike dup, rec	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	73	%	EPA 1664B	-88	-88	67	110	
2023/24-2	000NONPJ	matrix spike, rec	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	75	%	EPA 1664B	-88	-88	67	110	
2023/24-2	000NONPJ	matrix spike, RPD	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664B	-88	-88	0	30	
2023/24-2	Lab	LCS	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	33.28	mg/L	EPA 1664B	1	1			
2023/24-2	Lab	LCS dup	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	33.72	mg/L	EPA 1664B	1	1			
2023/24-2	Lab	LCS dup, rec	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	67	110	
2023/24-2	Lab	LCS, rec	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664B	-88	-88	67	110	
2023/24-2	Lab	LCS, RPD	1/3/2024	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664B	-88	-88	0	30	
2023/24-2	Lab	method blank	1/3/2024	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-2	Lab	LCS	12/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9449	mg/L	EPA 8015B	0.047	0.1			
2023/24-2	Lab	LCS dup	12/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9026	mg/L	EPA 8015B	0.047	0.1			
2023/24-2	Lab	LCS dup, rec	12/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	90	%	EPA 8015B	-88	-88	42	120	
2023/24-2	Lab	LCS, rec	12/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	94	%	EPA 8015B	-88	-88	42	120	
2023/24-2	Lab	LCS, RPD	12/20/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	5	%	EPA 8015B	-88	-88	0	36	
2023/24-2	Lab	method blank	12/21/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.1			
2023/24-2	Lab	method blank	12/21/2023	Hydrocarbon	TPH as Gasoline C6-C10	n/a	DNQ	0.093	mg/L	EPA 8015B	0.047	0.3			IP
2023/24-2	Lab	method blank	12/21/2023	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Aluminum	Dissolved	=	29	µg/L	EPA 200.8	1.65	8.25	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Aluminum	Total	=	950	µg/L	EPA 200.8	1.65	8.25			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Aluminum	Total	=	961	µg/L	EPA 200.8	1.65	8.25			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Aluminum	Total	=	733	µg/L	EPA 200.8	1.65	8.25	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Aluminum	Total	=	95	µg/L	EPA 200.8	1.65	8.25			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Aluminum	Total	=	89	µg/L	EPA 200.8	1.65	8.25			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Antimony	Dissolved	=	0.517	µg/L	EPA 200.8	0.03	0.15	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Antimony	Total	=	1015	µg/L	EPA 200.8	0.03	0.15			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Antimony	Total	=	998	µg/L	EPA 200.8	0.03	0.15			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Antimony	Total	=	0.287	µg/L	EPA 200.8	0.03	0.15	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Antimony	Total	=	106.649	µg/L	EPA 200.8	0.03	0.15			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Antimony	Total	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Antimony	Total	=	103.649	µg/L	EPA 200.8	0.03	0.15			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Arsenic	Dissolved	=	0.814	µg/L	EPA 200.8	0.05	0.159	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Arsenic	Total	=	987	µg/L	EPA 200.8	0.05	0.159			

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	
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Arsenic	Total	=	976	µg/L	EPA 200.8	0.05	0.159			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Arsenic	Total	=	1.04	µg/L	EPA 200.8	0.05	0.159	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Arsenic	Total	=	102.015	µg/L	EPA 200.8	0.05	0.159			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Arsenic	Total	=	102.015	µg/L	EPA 200.8	0.05	0.159			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Arsenic	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Barium	Dissolved	=	19.8	µg/L	EPA 200.8	0.25	0.5	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Barium	Total	=	1018	µg/L	EPA 200.8	0.25	0.5			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Barium	Total	=	1014	µg/L	EPA 200.8	0.25	0.5			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Barium	Total	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Barium	Total	=	30.6	µg/L	EPA 200.8	0.25	0.5	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Barium	Total	=	106.5	µg/L	EPA 200.8	0.25	0.5			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Barium	Total	=	108.5	µg/L	EPA 200.8	0.25	0.5			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Barium	Total	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Beryllium	Dissolved	=	0.037	µg/L	EPA 200.8	0.01	0.031	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Beryllium	Total	=	835	µg/L	EPA 200.8	0.01	0.031			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Beryllium	Total	=	860	µg/L	EPA 200.8	0.01	0.031			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Beryllium	Total	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Beryllium	Total	=	84	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Beryllium	Total	=	0.051	µg/L	EPA 200.8	0.01	0.031	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Beryllium	Total	=	94.041	µg/L	EPA 200.8	0.01	0.031			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Beryllium	Total	=	92.441	µg/L	EPA 200.8	0.01	0.031			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Beryllium	Total	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Cadmium	Dissolved	=	0.07	µg/L	EPA 200.8	0.007	0.023	0	25	IL
2023/24-2	Lab	LCS	1/19/2024	Metal	Cadmium	Total	=	940	µg/L	EPA 200.8	0.007	0.023			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Cadmium	Total	=	967	µg/L	EPA 200.8	0.007	0.023			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Cadmium	Total	=	0.175	µg/L	EPA 200.8	0.007	0.023	0	25	IL
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Cadmium	Total	=	98.572	µg/L	EPA 200.8	0.007	0.023			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	80	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	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Cadmium	Total	=	95.872	µg/L	EPA 200.8	0.007	0.023			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Chromium	Dissolved	=	0.279	µg/L	EPA 200.8	0.01	0.05	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Chromium	Total	=	960	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Chromium	Total	=	950	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Chromium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Chromium	Total	=	1.46	µg/L	EPA 200.8	0.01	0.05	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Chromium	Total	=	101.49	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Chromium	Total	=	99.49	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	000NONPJ	matrix spike	12/28/2023	Metal	Chromium VI	n/a	=	48.782	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike	12/28/2023	Metal	Chromium VI	n/a	=	47.1587	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike	12/28/2023	Metal	Chromium VI	n/a	=	48.0387	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike dup	12/28/2023	Metal	Chromium VI	n/a	=	47.672	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike dup	12/28/2023	Metal	Chromium VI	n/a	=	46.8487	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike dup	12/28/2023	Metal	Chromium VI	n/a	=	48.6587	µg/L	EPA 218.6	0.25	1			
2023/24-2	000NONPJ	matrix spike dup, rec	12/28/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike dup, rec	12/28/2023	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike dup, rec	12/28/2023	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike, rec	12/28/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike, rec	12/28/2023	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike, rec	12/28/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	85	115	
2023/24-2	000NONPJ	matrix spike, RPD	12/28/2023	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-2	000NONPJ	matrix spike, RPD	12/28/2023	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-2	000NONPJ	matrix spike, RPD	12/28/2023	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	20	
2023/24-2	Lab	LCS	12/28/2023	Metal	Chromium VI	n/a	=	48.06	µg/L	EPA 218.6	0.25	1			
2023/24-2	Lab	LCS	12/28/2023	Metal	Chromium VI	n/a	=	47.45	µg/L	EPA 218.6	0.25	1			
2023/24-2	Lab	LCS, rec	12/28/2023	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	90	110	
2023/24-2	Lab	LCS, rec	12/28/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	90	110	
2023/24-2	Lab	method blank	12/28/2023	Metal	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1			
2023/24-2	Lab	method blank	12/28/2023	Metal	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1			
2023/24-2	MO-MEI	matrix spike	12/28/2023	Metal	Chromium VI	n/a	=	46.6835	µg/L	EPA 218.6	0.25	1			
2023/24-2	MO-MEI	matrix spike dup	12/28/2023	Metal	Chromium VI	n/a	=	46.7035	µg/L	EPA 218.6	0.25	1			
2023/24-2	MO-MEI	matrix spike dup, rec	12/28/2023	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-2	MO-MEI	matrix spike, rec	12/28/2023	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-2	MO-MEI	matrix spike, RPD	12/28/2023	Metal	Chromium VI	n/a	=	0	%	EPA 218.6	-88	-88	0	20	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Copper	Dissolved	=	5.17	µg/L	EPA 200.8	0.007	0.022	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Copper	Total	=	944	µg/L	EPA 200.8	0.007	0.022			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Copper	Total	=	938	µg/L	EPA 200.8	0.007	0.022			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	80	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	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Copper	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Copper	Total	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Copper	Total	=	8.47	µg/L	EPA 200.8	0.007	0.022	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Copper	Total	=	98.61	µg/L	EPA 200.8	0.007	0.022			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Copper	Total	=	96.61	µg/L	EPA 200.8	0.007	0.022			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Iron	Dissolved	=	32.1	µg/L	EPA 200.8	1.13	5.65	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Iron	Total	=	927	µg/L	EPA 200.8	1.13	5.65			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Iron	Total	=	903	µg/L	EPA 200.8	1.13	5.65			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Iron	Total	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Iron	Total	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Iron	Total	=	709	µg/L	EPA 200.8	1.13	5.65	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Iron	Total	=	121	µg/L	EPA 200.8	1.13	5.65			GB
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Iron	Total	=	121	%	EPA 200.8	-88	-88	80	120	GB
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Iron	Total	=	96	µg/L	EPA 200.8	1.13	5.65			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Iron	Total	=	23	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Lead	Dissolved	=	0.03	µg/L	EPA 200.8	0.007	0.021	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Lead	Total	=	897	µg/L	EPA 200.8	0.007	0.021			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Lead	Total	=	905	µg/L	EPA 200.8	0.007	0.021			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Lead	Total	=	2.63	µg/L	EPA 200.8	0.007	0.021	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Lead	Total	=	91.52	µg/L	EPA 200.8	0.007	0.021			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Lead	Total	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Lead	Total	=	90.62	µg/L	EPA 200.8	0.007	0.021			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	2/1/2024	Metal	Mercury	Dissolved	=	5.51	ng/L	EPA 1631E	0.04	0.2	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Mercury	Total	=	23.5	ng/L	EPA 1631E	0.04	0.2			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Mercury	Total	=	21	ng/L	EPA 1631E	0.04	0.2			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Mercury	Total	=	105	%	EPA 1631E	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Mercury	Total	=	118	%	EPA 1631E	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Mercury	Total	=	12	%	EPA 1631E	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Mercury	Total	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-2	MO-OJA	lab duplicate	2/1/2024	Metal	Mercury	Total	=	6.23	ng/L	EPA 1631E	0.04	0.2	0	25	
2023/24-2	MO-OJA	matrix spike	2/1/2024	Metal	Mercury	Total	=	36.86	ng/L	EPA 1631E	0.04	0.2			
2023/24-2	MO-OJA	matrix spike dup	2/1/2024	Metal	Mercury	Total	=	37.56	ng/L	EPA 1631E	0.04	0.2			
2023/24-2	MO-OJA	matrix spike dup, rec	2/1/2024	Metal	Mercury	Total	=	94	%	EPA 1631E	-88	-88	80	120	
2023/24-2	MO-OJA	matrix spike, rec	2/1/2024	Metal	Mercury	Total	=	92	%	EPA 1631E	-88	-88	80	120	
2023/24-2	MO-OJA	matrix spike, RPD	2/1/2024	Metal	Mercury	Total	=	2	%	EPA 1631E	-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	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Nickel	Dissolved	=	1.93	µg/L	EPA 200.8	0.013	0.042	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Nickel	Total	=	945	µg/L	EPA 200.8	0.013	0.042			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Nickel	Total	=	951	µg/L	EPA 200.8	0.013	0.042			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Nickel	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Nickel	Total	=	3.58	µg/L	EPA 200.8	0.013	0.042	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Nickel	Total	=	96.5	µg/L	EPA 200.8	0.013	0.042			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Nickel	Total	=	95.6	µg/L	EPA 200.8	0.013	0.042			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Nickel	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Selenium	Dissolved	=	0.159	µg/L	EPA 200.8	0.021	0.068	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Selenium	Total	=	932	µg/L	EPA 200.8	0.021	0.068			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Selenium	Total	=	987	µg/L	EPA 200.8	0.021	0.068			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Selenium	Total	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Selenium	Total	=	0.142	µg/L	EPA 200.8	0.021	0.068	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Selenium	Total	=	98.557	µg/L	EPA 200.8	0.021	0.068			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Selenium	Total	=	95.857	µg/L	EPA 200.8	0.021	0.068			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Silver	Dissolved	=	0.905	µg/L	EPA 200.8	0.01	0.02	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Silver	Total	=	84.1	µg/L	EPA 200.8	0.01	0.02			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Silver	Total	=	99.1	µg/L	EPA 200.8	0.01	0.02			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Silver	Total	=	84	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Silver	Total	=	16	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Silver	Total	=	0.404	µg/L	EPA 200.8	0.01	0.02	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Silver	Total	=	8.66	µg/L	EPA 200.8	0.01	0.02			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Silver	Total	=	87	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Silver	Total	=	8.78	µg/L	EPA 200.8	0.01	0.02			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Thallium	Total	=	887	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Thallium	Total	=	901	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Thallium	Total	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	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	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Thallium	Total	=	90.6	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Thallium	Total	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Thallium	Total	=	90.2	µg/L	EPA 200.8	0.01	0.05			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Zinc	Dissolved	=	31	µg/L	EPA 200.8	0.022	0.069	0	25	
2023/24-2	Lab	LCS	1/19/2024	Metal	Zinc	Total	=	922	µg/L	EPA 200.8	0.022	0.069			
2023/24-2	Lab	LCS dup	1/19/2024	Metal	Zinc	Total	=	944	µg/L	EPA 200.8	0.022	0.069			
2023/24-2	Lab	LCS dup, rec	1/19/2024	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/19/2024	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/19/2024	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-2	Lab	method blank	1/19/2024	Metal	Zinc	Total	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-2	MO-MEI	lab duplicate	1/19/2024	Metal	Zinc	Total	=	53.9	µg/L	EPA 200.8	0.022	0.069	0	25	
2023/24-2	MO-MEI	matrix spike	1/19/2024	Metal	Zinc	Total	=	100.5	µg/L	EPA 200.8	0.022	0.069			
2023/24-2	MO-MEI	matrix spike, rec	1/19/2024	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike dup	1/19/2024	Metal	Zinc	Total	=	96.5	µg/L	EPA 200.8	0.022	0.069			
2023/24-2	MO-MEI	matrix spike dup, rec	1/19/2024	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-2	MO-MEI	matrix spike, RPD	1/19/2024	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-2	000NONPJ	lab duplicate	1/3/2024	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	SM 4500-NH3 D	0.007	0.03		15	
2023/24-2	000NONPJ	matrix spike	1/3/2024	Nutrient	Ammonia as N	n/a	=	0.321	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-2	000NONPJ	matrix spike dup	1/3/2024	Nutrient	Ammonia as N	n/a	=	0.319	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-2	000NONPJ	matrix spike dup, rec	1/3/2024	Nutrient	Ammonia as N	n/a	=	82	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	1/3/2024	Nutrient	Ammonia as N	n/a	=	84	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	1/3/2024	Nutrient	Ammonia as N	n/a	=	2	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-2	Lab	LCS	1/3/2024	Nutrient	Ammonia as N	n/a	=	0.105	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-2	Lab	LCS dup	1/3/2024	Nutrient	Ammonia as N	n/a	=	0.099	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-2	Lab	LCS dup, rec	1/3/2024	Nutrient	Ammonia as N	n/a	=	99	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/3/2024	Nutrient	Ammonia as N	n/a	=	105	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/3/2024	Nutrient	Ammonia as N	n/a	=	6	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-2	Lab	method blank	1/3/2024	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-2	000NONPJ	lab duplicate	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	1.136	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-2	000NONPJ	matrix spike	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.083	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-2	000NONPJ	matrix spike dup	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.091	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-2	000NONPJ	matrix spike dup, rec	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-2	Lab	LCS	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.972	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-2	Lab	LCS dup	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-2	Lab	LCS dup, rec	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-2	Lab	method blank	12/27/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-2	000NONPJ	lab duplicate	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.2398	mg/L	SM 4500-P E	0.016	0.03		20	
2023/24-2	000NONPJ	matrix spike	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.5736	mg/L	SM 4500-P E	0.016	0.03			
2023/24-2	000NONPJ	matrix spike dup	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.5901	mg/L	SM 4500-P E	0.016	0.03			
2023/24-2	000NONPJ	matrix spike dup, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	110	%	SM 4500-P E	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	104	%	SM 4500-P E	-88	-88	80	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	
2023/24-2	000NONPJ	matrix spike, RPD	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	6	%	SM 4500-P-E	-88	-88	0	25	
2023/24-2	Lab	LCS	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.306	mg/L	SM 4500-P-E	0.016	0.03			
2023/24-2	Lab	LCS dup	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.272	mg/L	SM 4500-P-E	0.016	0.03			
2023/24-2	Lab	LCS dup, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	91	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	102	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	11	%	SM 4500-P-E	-88	-88	0	25	
2023/24-2	Lab	method blank	2/16/2024	Nutrient	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P-E	0.016	0.03			
2023/24-2	000NONPJ	lab duplicate	1/5/2023	Nutrient	Phosphorus as P	Total	=	0.0854	mg/L	SM 4500-P-E	0.016	0.02		20	
2023/24-2	000NONPJ	matrix spike	1/5/2023	Nutrient	Phosphorus as P	Total	=	0.4201	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-2	000NONPJ	matrix spike dup	1/5/2023	Nutrient	Phosphorus as P	Total	=	0.4061	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-2	000NONPJ	matrix spike dup, rec	1/5/2023	Nutrient	Phosphorus as P	Total	=	109	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	1/5/2023	Nutrient	Phosphorus as P	Total	=	113	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	1/5/2023	Nutrient	Phosphorus as P	Total	=	4	%	SM 4500-P-E	-88	-88	0	25	
2023/24-2	Lab	LCS	1/5/2023	Nutrient	Phosphorus as P	Total	=	0.3586	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-2	Lab	LCS dup	1/5/2023	Nutrient	Phosphorus as P	Total	=	0.3478	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-2	Lab	LCS dup, rec	1/5/2023	Nutrient	Phosphorus as P	Total	=	116	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	1/5/2023	Nutrient	Phosphorus as P	Total	=	120	%	SM 4500-P-E	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	1/5/2023	Nutrient	Phosphorus as P	Total	=	3	%	SM 4500-P-E	-88	-88	0	25	
2023/24-2	Lab	method blank	1/5/2023	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-2	000NONPJ	lab duplicate	12/29/2023	Nutrient	TKN	n/a	=	1.016	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-2	000NONPJ	matrix spike	12/29/2023	Nutrient	TKN	n/a	=	3.478	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	000NONPJ	matrix spike dup	12/29/2023	Nutrient	TKN	n/a	=	3.543	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	000NONPJ	matrix spike dup, rec	12/29/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, rec	12/29/2023	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	80	120	
2023/24-2	000NONPJ	matrix spike, RPD	12/29/2023	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	25	
2023/24-2	Lab	CRM	12/29/2023	Nutrient	TKN	n/a	=	8.896	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	Lab	CRM, rec	12/29/2023	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	80	120	
2023/24-2	Lab	LCS	12/29/2023	Nutrient	TKN	n/a	=	2.445	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	Lab	LCS dup	12/29/2023	Nutrient	TKN	n/a	=	2.484	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	Lab	LCS dup, rec	12/29/2023	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	80	120	
2023/24-2	Lab	LCS, rec	12/29/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	80	120	
2023/24-2	Lab	LCS, RPD	12/29/2023	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	25	
2023/24-2	Lab	method blank	12/29/2023	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-2	Lab	method blank	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.613	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.594	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.697	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.683	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	46.47	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	46.71	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	
2023/24-2	Lab	srgt LCS dup	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	45.4	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	91	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt method blank	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	46.31	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-2	ME-VR2	srgt environ	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	47.09	µg/L	EPA 624.1	-88	-88			
2023/24-2	ME-VR2	srgt environ, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-2	MO-MEI	srgt environ	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	47.03	µg/L	EPA 624.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/21/2023	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	method blank	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.684	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.663	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.659	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.711	µg/L	EPA 625.1	0.01	0.05			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	12/28/2023	Organic	2,3-D	n/a	=	5.2	µg/L	EPA 615	0	-88			
2023/24-2	Lab	srgt method blank, rec	12/28/2023	Organic	2,3-D	n/a	=	104	%	EPA 615	-88	-88	53	168	
2023/24-2	Lab	srgt LCS	12/28/2023	Organic	2,3-D	n/a	=	0.2675	µg/L	EPA 615	0	-88			
2023/24-2	Lab	srgt LCS, rec	12/28/2023	Organic	2,3-D	n/a	=	107	%	EPA 615	-88	-88	53	168	
2023/24-2	Lab	srgt LCS dup	12/28/2023	Organic	2,3-D	n/a	=	0.285	µg/L	EPA 615	0	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/28/2023	Organic	2,3-D	n/a	=	114	%	EPA 615	-88	-88	53	168	
2023/24-2	MO-MEI	srgt matrix spike	12/28/2023	Organic	2,3-D	n/a	=	0.265	µg/L	EPA 615	0	-88			
2023/24-2	MO-MEI	srgt matrix spike, rec	12/28/2023	Organic	2,3-D	n/a	=	106	%	EPA 615	-88	-88	53	168	
2023/24-2	MO-MEI	srgt environ	12/28/2023	Organic	2,3-D	n/a	=	5.5	µg/L	EPA 615	0	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/28/2023	Organic	2,3-D	n/a	=	110	%	EPA 615	-88	-88	52.7	168	
2023/24-2	MO-OJA	srgt environ	12/28/2023	Organic	2,3-D	n/a	=	4.98	µg/L	EPA 615	0	-88			
2023/24-2	MO-OJA	srgt environ, rec	12/28/2023	Organic	2,3-D	n/a	=	99.6	%	EPA 615	-88	-88	52.7	168	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	30	130	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	30	130	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625.1	-88	-88	30	130	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	30	130	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	30	130	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.789	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.751	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,4-Dichlorophenol	n/a	=	0.701	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,4-Dichlorophenol	n/a	=	0.627	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,4-Dichlorophenol	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,4-Dimethylphenol	n/a	=	0.698	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,4-Dimethylphenol	n/a	=	0.643	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,4-Dinitrophenol	n/a	=	0.901	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,4-Dinitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,4-Dinitrophenol	n/a	=	0.973	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,4-Dinitrophenol	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	=	0.953	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.01	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.918	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.927	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	LCS	12/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	65.61	µg/L	EPA 624.1	1.5	5			GB
2023/24-2	Lab	LCS, rec	12/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	131	%	EPA 624.1	-88	-88	10	130	GB
2023/24-2	Lab	method blank	12/21/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5			
2023/24-2	Lab	method blank	1/17/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2-Chloronaphthalene	n/a	=	0.769	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2-Chloronaphthalene	n/a	=	0.708	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	2-Chlorophenol	n/a	=	0.49	µg/L	EPA 625.1	0.05	0.1			GB
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2-Chlorophenol	n/a	=	49	%	EPA 625.1	-88	-88	50	150	GB
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2-Chlorophenol	n/a	=	0.412	µg/L	EPA 625.1	0.05	0.1			GB
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2-Chlorophenol	n/a	=	41	%	EPA 625.1	-88	-88	50	150	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2-Chlorophenol	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	2-Nitrophenol	n/a	=	0.614	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	2-Nitrophenol	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	2-Nitrophenol	n/a	=	0.537	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	2-Nitrophenol	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	2-Nitrophenol	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.866	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.882	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.14	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.02	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.52	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	50.35	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	48.75	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt method blank	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-2	ME-VR2	srgt environ	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.96	µg/L	EPA 624.1	-88	-88			
2023/24-2	ME-VR2	srgt environ, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-2	MO-MEI	srgt environ	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	49.37	µg/L	EPA 624.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/21/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	method blank	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.855	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.86	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.798	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.802	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.848	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.844	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	4-Nitrophenol	n/a	=	0.785	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	4-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	4-Nitrophenol	n/a	=	0.808	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	4-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Acenaphthene	n/a	=	1.14	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Acenaphthene	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Acenaphthene	n/a	=	1.15	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Acenaphthene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Acenaphthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Acenaphthene-d10	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Acenaphthene-d10	n/a	=	71	%	EPA 625.1	-88	-88	27	133	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Acenaphthene-d10	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Acenaphthene-d10	n/a	=	71	%	EPA 625.1	-88	-88	27	133	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Acenaphthene-d10	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Acenaphthene-d10	n/a	=	71	%	EPA 625.1	-88	-88	27	133	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Acenaphthene-d10	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Acenaphthene-d10	n/a	=	62	%	EPA 625.1	-88	-88	27	133	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Acenaphthene-d10	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Acenaphthene-d10	n/a	=	61	%	EPA 625.1	-88	-88	27	133	
2023/24-2	Lab	method blank	1/17/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Acenaphthylene	n/a	=	1.16	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Acenaphthylene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Acenaphthylene	n/a	=	1.13	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Acenaphthylene	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Anthracene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Anthracene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Anthracene	n/a	=	1.41	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benz(a)anthracene	n/a	=	1.73	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benz(a)anthracene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benz(a)anthracene	n/a	=	1.75	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benz(a)anthracene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benzidine	n/a	=	0.785	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benzidine	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benzidine	n/a	=	0.744	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benzidine	n/a	=	74	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benzidine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benzo(a)pyrene	n/a	=	1.32	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benzo(a)pyrene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benzo(a)pyrene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.5	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Benzo(k)fluoranthene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.718	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.674	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.643	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.589	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.648	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.538	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0224	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.31	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	129	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.33	µg/L	EPA 625.1	0.01	0.02			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	
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	131	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	IP
2023/24-2	Lab	method blank	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	0.101	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	1.26	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	116	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	1.3	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	120	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	IP
2023/24-2	Lab	method blank	1/17/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Chrysene	n/a	=	1.63	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Chrysene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Chrysene	n/a	=	1.71	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Chrysene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Chrysene-d12	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Chrysene-d12	n/a	=	88	%	EPA 625.1	-88	-88	52	144	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Chrysene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Chrysene-d12	n/a	=	93	%	EPA 625.1	-88	-88	52	144	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Chrysene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Chrysene-d12	n/a	=	94	%	EPA 625.1	-88	-88	52	144	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Chrysene-d12	n/a	=	0.114	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Chrysene-d12	n/a	=	114	%	EPA 625.1	-88	-88	52	144	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Chrysene-d12	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Chrysene-d12	n/a	=	109	%	EPA 625.1	-88	-88	52	144	
2023/24-2	Lab	method blank	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.41	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	Dibromofluoromethane	n/a	=	49.99	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	Dibromofluoromethane	n/a	=	49.47	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup	12/21/2023	Organic	Dibromofluoromethane	n/a	=	49.49	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt method blank	12/21/2023	Organic	Dibromofluoromethane	n/a	=	48.84	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-2	ME-VR2	srgt environ	12/21/2023	Organic	Dibromofluoromethane	n/a	=	49.15	µg/L	EPA 624.1	-88	-88			
2023/24-2	ME-VR2	srgt environ, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-2	MO-MEI	srgt environ	12/21/2023	Organic	Dibromofluoromethane	n/a	=	50.19	µg/L	EPA 624.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/21/2023	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	method blank	1/17/2024	Organic	Diethyl phthalate	n/a	=	0.0759	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS	1/17/2024	Organic	Diethyl phthalate	n/a	=	0.9	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Diethyl phthalate	n/a	=	0.903	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	50	150	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	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Diethyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	IP
2023/24-2	Lab	method blank	1/17/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS	1/17/2024	Organic	Dimethyl phthalate	n/a	=	0.839	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Dimethyl phthalate	n/a	=	0.859	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	0.053	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	1.09	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	104	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	1.01	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	96	%	EPA 625.1	-88	-88	50	150	IP
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	25	IP
2023/24-2	Lab	method blank	1/17/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS	1/17/2024	Organic	Di-n-octylphthalate	n/a	=	1.37	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Di-n-octylphthalate	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Di-n-octylphthalate	n/a	=	1.37	µg/L	EPA 625.1	0.01	0.02			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Di-n-octylphthalate	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Di-n-octylphthalate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Fluoranthene	n/a	=	1.98	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Fluoranthene	n/a	=	132	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Fluoranthene	n/a	=	2.02	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Fluoranthene	n/a	=	135	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Fluorene	n/a	=	1.24	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Fluorene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Fluorene	n/a	=	1.23	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Fluorene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Hexachlorobenzene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Hexachlorobenzene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Hexachlorobenzene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Hexachlorobutadiene	n/a	=	0.597	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Hexachlorobutadiene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Hexachlorobutadiene	n/a	=	0.506	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Hexachlorobutadiene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Hexachlorobutadiene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.968	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Hexachloroethane	n/a	=	0.557	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Hexachloroethane	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Hexachloroethane	n/a	=	0.529	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Hexachloroethane	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Hexachloroethane	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.37	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Isophorone	n/a	=	0.719	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Isophorone	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Isophorone	n/a	=	0.682	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Isophorone	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Isophorone	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	LCS	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	46.87	µg/L	EPA 624.1	0.1	5			
2023/24-2	Lab	LCS dup	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	46.1	µg/L	EPA 624.1	0.1	5			
2023/24-2	Lab	LCS dup, rec	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	LCS, rec	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	LCS, RPD	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624.1	-88	-88	0	30	
2023/24-2	Lab	method blank	12/21/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	5			
2023/24-2	Lab	method blank	1/17/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Naphthalene	n/a	=	0.979	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Naphthalene	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Naphthalene	n/a	=	0.832	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Naphthalene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Naphthalene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Naphthalene-d8	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Naphthalene-d8	n/a	=	67	%	EPA 625.1	-88	-88	25	125	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Naphthalene-d8	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Naphthalene-d8	n/a	=	61	%	EPA 625.1	-88	-88	25	125	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Naphthalene-d8	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Naphthalene-d8	n/a	=	52	%	EPA 625.1	-88	-88	25	125	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Naphthalene-d8	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Naphthalene-d8	n/a	=	61	%	EPA 625.1	-88	-88	25	125	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Naphthalene-d8	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Naphthalene-d8	n/a	=	55	%	EPA 625.1	-88	-88	25	125	
2023/24-2	Lab	method blank	1/17/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	Nitrobenzene	n/a	=	0.582	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Nitrobenzene	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Nitrobenzene	n/a	=	0.558	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Nitrobenzene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.626	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.654	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.704	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.666	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.899	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.901	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Perylene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Perylene-d12	n/a	=	81	%	EPA 625.1	-88	-88	36	161	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Perylene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Perylene-d12	n/a	=	90	%	EPA 625.1	-88	-88	36	161	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Perylene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Perylene-d12	n/a	=	93	%	EPA 625.1	-88	-88	36	161	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Perylene-d12	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Perylene-d12	n/a	=	71	%	EPA 625.1	-88	-88	36	161	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Perylene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Perylene-d12	n/a	=	72	%	EPA 625.1	-88	-88	36	161	
2023/24-2	Lab	method blank	1/17/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Phenanthrene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Phenanthrene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Phenanthrene	n/a	=	1.44	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Phenanthrene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Phenanthrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Phenanthrene-d10	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Phenanthrene-d10	n/a	=	87	%	EPA 625.1	-88	-88	43	129	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Phenanthrene-d10	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Phenanthrene-d10	n/a	=	90	%	EPA 625.1	-88	-88	43	129	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Phenanthrene-d10	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Phenanthrene-d10	n/a	=	70	%	EPA 625.1	-88	-88	43	129	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Phenanthrene-d10	n/a	=	0.06	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Phenanthrene-d10	n/a	=	60	%	EPA 625.1	-88	-88	43	129	
2023/24-2	Lab	method blank	1/17/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-2	Lab	LCS	1/17/2024	Organic	Phenol	n/a	=	0.441	µg/L	EPA 625.1	0.1	0.2			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Phenol	n/a	=	44	%	EPA 625.1	-88	-88	50	150	GB
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Phenol	n/a	=	0.404	µg/L	EPA 625.1	0.1	0.2			GB
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Phenol	n/a	=	40	%	EPA 625.1	-88	-88	50	150	GB
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Phenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Phenol-d5	n/a	=	0.114	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Phenol-d5	n/a	=	114	%	EPA 625.1	-88	-88	0	130	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Phenol-d5	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Phenol-d5	n/a	=	104	%	EPA 625.1	-88	-88	0	130	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Phenol-d5	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Phenol-d5	n/a	=	98	%	EPA 625.1	-88	-88	0	130	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Phenol-d5	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Phenol-d5	n/a	=	55	%	EPA 625.1	-88	-88	0	130	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Phenol-d5	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Phenol-d5	n/a	=	87	%	EPA 625.1	-88	-88	0	130	
2023/24-2	Lab	method blank	1/17/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Organic	Pyrene	n/a	=	2.05	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Organic	Pyrene	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Organic	Pyrene	n/a	=	2.09	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Organic	Pyrene	n/a	=	139	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Organic	Pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	srgt method blank	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 625.1	-88	-88	6	124	
2023/24-2	Lab	srgt LCS	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 625.1	-88	-88	6	124	
2023/24-2	Lab	srgt LCS dup	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 625.1	-88	-88	6	124	
2023/24-2	MO-MEI	srgt environ	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 625.1	-88	-88	6	124	
2023/24-2	MO-OJA	srgt environ	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 625.1	-88	-88	6	124	
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	Toluene-d8	n/a	=	50.28	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS	12/21/2023	Organic	Toluene-d8	n/a	=	51.63	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup	12/21/2023	Organic	Toluene-d8	n/a	=	50.17	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	12/21/2023	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt LCS, rec	12/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt method blank	12/21/2023	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	12/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-2	ME-VR2	srgt environ	12/21/2023	Organic	Toluene-d8	n/a	=	50.31	µg/L	EPA 624.1	-88	-88			
2023/24-2	ME-VR2	srgt environ, rec	12/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-2	MO-MEI	srgt environ	12/21/2023	Organic	Toluene-d8	n/a	=	50.48	µg/L	EPA 624.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	12/21/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-2	Lab	srgt method blank	1/17/2024	PCB	PCB 030	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	PCB	PCB 030	n/a	=	67	%	EPA 625.1	-88	-88	52	124	
2023/24-2	Lab	srgt LCS	1/17/2024	PCB	PCB 030	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	PCB	PCB 030	n/a	=	68	%	EPA 625.1	-88	-88	52	124	
2023/24-2	Lab	srgt LCS dup	1/17/2024	PCB	PCB 030	n/a	=	0.067	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	
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	PCB	PCB 030	n/a	=	67	%	EPA 625.1	-88	-88	52	124	
2023/24-2	MO-MEI	srgt environ	1/17/2024	PCB	PCB 030	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	PCB	PCB 030	n/a	=	74	%	EPA 625.1	-88	-88	52	124	
2023/24-2	MO-OJA	srgt environ	1/17/2024	PCB	PCB 030	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	PCB	PCB 030	n/a	=	61	%	EPA 625.1	-88	-88	52	124	
2023/24-2	Lab	srgt method blank	1/17/2024	PCB	PCB 112	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	PCB	PCB 112	n/a	=	68	%	EPA 625.1	-88	-88	49	133	
2023/24-2	Lab	srgt LCS	1/17/2024	PCB	PCB 112	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	PCB	PCB 112	n/a	=	78	%	EPA 625.1	-88	-88	49	133	
2023/24-2	Lab	srgt LCS dup	1/17/2024	PCB	PCB 112	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	PCB	PCB 112	n/a	=	69	%	EPA 625.1	-88	-88	49	133	
2023/24-2	MO-MEI	srgt environ	1/17/2024	PCB	PCB 112	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	PCB	PCB 112	n/a	=	70	%	EPA 625.1	-88	-88	49	133	
2023/24-2	MO-OJA	srgt environ	1/17/2024	PCB	PCB 112	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	PCB	PCB 112	n/a	=	77	%	EPA 625.1	-88	-88	49	133	
2023/24-2	Lab	srgt method blank	1/17/2024	PCB	PCB 198	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt method blank, rec	1/17/2024	PCB	PCB 198	n/a	=	106	%	EPA 625.1	-88	-88	60	129	
2023/24-2	Lab	srgt LCS	1/17/2024	PCB	PCB 198	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS, rec	1/17/2024	PCB	PCB 198	n/a	=	101	%	EPA 625.1	-88	-88	60	129	
2023/24-2	Lab	srgt LCS dup	1/17/2024	PCB	PCB 198	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-2	Lab	srgt LCS dup, rec	1/17/2024	PCB	PCB 198	n/a	=	99	%	EPA 625.1	-88	-88	60	129	
2023/24-2	MO-MEI	srgt environ	1/17/2024	PCB	PCB 198	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-MEI	srgt environ, rec	1/17/2024	PCB	PCB 198	n/a	=	69	%	EPA 625.1	-88	-88	60	129	
2023/24-2	MO-OJA	srgt environ	1/17/2024	PCB	PCB 198	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-2	MO-OJA	srgt environ, rec	1/17/2024	PCB	PCB 198	n/a	=	70	%	EPA 625.1	-88	-88	60	129	
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	1/17/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	method blank	12/28/2023	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-2	Lab	LCS	12/28/2023	Pesticide	2,4,5-TP	n/a	=	2.3925	µg/L	EPA 615	0.2	0.5			
2023/24-2	Lab	LCS, rec	12/28/2023	Pesticide	2,4,5-TP	n/a	=	95.7	%	EPA 615	-88	-88	66	147	
2023/24-2	Lab	LCS dup	12/28/2023	Pesticide	2,4,5-TP	n/a	=	2.5	µg/L	EPA 615	0.2	0.5			
2023/24-2	Lab	LCS dup, rec	12/28/2023	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 615	-88	-88	66	147	
2023/24-2	Lab	LCS, RPD	12/28/2023	Pesticide	2,4,5-TP	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-2	MO-MEI	matrix spike	12/28/2023	Pesticide	2,4,5-TP	n/a	=	2.575	µg/L	EPA 615	0.2	0.5			
2023/24-2	MO-MEI	matrix spike, rec	12/28/2023	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 615	-88	-88	66	147	
2023/24-2	Lab	method blank	12/28/2023	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-2	Lab	LCS	12/28/2023	Pesticide	2,4-D	n/a	=	5.95	µg/L	EPA 615	0.47	1			
2023/24-2	Lab	LCS, rec	12/28/2023	Pesticide	2,4-D	n/a	=	119	%	EPA 615	-88	-88	58	159	
2023/24-2	Lab	LCS dup	12/28/2023	Pesticide	2,4-D	n/a	=	6.4	µg/L	EPA 615	0.47	1			
2023/24-2	Lab	LCS dup, rec	12/28/2023	Pesticide	2,4-D	n/a	=	128	%	EPA 615	-88	-88	58	159	
2023/24-2	Lab	LCS, RPD	12/28/2023	Pesticide	2,4-D	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-2	MO-MEI	matrix spike	12/28/2023	Pesticide	2,4-D	n/a	=	6.6	µg/L	EPA 615	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	
2023/24-2	MO-MEI	matrix spike, rec	12/28/2023	Pesticide	2,4-D	n/a	=	132	%	EPA 615	-88	-88	58	159	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	4,4'-DDD	n/a	=	0.441	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	4,4'-DDD	n/a	=	0.434	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	4,4'-DDE	n/a	=	0.49	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	4,4'-DDE	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	4,4'-DDE	n/a	=	0.496	µg/L	EPA 625.1	0.0008	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	4,4'-DDE	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	4,4'-DDT	n/a	=	0.391	µg/L	EPA 625.1	0.0005	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	4,4'-DDT	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	4,4'-DDT	n/a	=	0.347	µg/L	EPA 625.1	0.0005	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Aldrin	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Aldrin	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Aldrin	n/a	=	0.435	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Aldrin	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Aldrin	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	alpha-BHC	n/a	=	0.449	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	alpha-BHC	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	alpha-BHC	n/a	=	0.443	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	alpha-BHC	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	alpha-BHC	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	alpha-Chlordane	n/a	=	0.472	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	alpha-Chlordane	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	alpha-Chlordane	n/a	=	0.42	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	alpha-Chlordane	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	alpha-Chlordane	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Atrazine	n/a	=	0.464	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Atrazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Atrazine	n/a	=	0.468	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Atrazine	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Atrazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	beta-BHC	n/a	=	0.428	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	beta-BHC	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	beta-BHC	n/a	=	0.418	µg/L	EPA 625.1	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	
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	beta-BHC	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	beta-BHC	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Chlorpyrifos	n/a	=	0.454	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Chlorpyrifos	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Chlorpyrifos	n/a	=	0.449	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Chlorpyrifos	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Chlorpyrifos	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Cyanazine	n/a	=	0.498	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Cyanazine	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Cyanazine	n/a	=	0.534	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Cyanazine	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Cyanazine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	delta-BHC	n/a	=	0.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	delta-BHC	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	delta-BHC	n/a	=	0.385	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	delta-BHC	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	delta-BHC	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Diazinon	n/a	=	0.377	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Diazinon	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Diazinon	n/a	=	0.369	µg/L	EPA 625.1	0.0005	0.001			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Diazinon	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Diazinon	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Dieldrin	n/a	=	0.719	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Dieldrin	n/a	=	144	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Dieldrin	n/a	=	0.593	µg/L	EPA 625.1	0.001	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Dieldrin	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Dieldrin	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Endosulfan I	n/a	=	0.565	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Endosulfan I	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Endosulfan I	n/a	=	0.476	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Endosulfan I	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Endosulfan I	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Endosulfan II	n/a	=	0.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Endosulfan II	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Endosulfan II	n/a	=	0.384	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Endosulfan II	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Endosulfan II	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Endosulfan sulfate	n/a	=	0.354	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Endosulfan sulfate	n/a	=	71	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Endosulfan sulfate	n/a	=	0.344	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Endosulfan sulfate	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Endrin	n/a	=	0.593	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Endrin	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Endrin	n/a	=	0.543	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Endrin	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Endrin	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Endrin aldehyde	n/a	=	0.329	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Endrin aldehyde	n/a	=	0.311	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Endrin aldehyde	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.482	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.481	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	gamma-Chlordane	n/a	=	0.481	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	gamma-Chlordane	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	gamma-Chlordane	n/a	=	0.414	µg/L	EPA 625.1	0.0007	0.002			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	gamma-Chlordane	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	gamma-Chlordane	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	12/27/2023	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-2	Lab	LCS	12/27/2023	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-2	Lab	LCS, rec	12/27/2023	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-2	Lab	LCS dup	12/27/2023	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-2	Lab	LCS dup, rec	12/27/2023	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-2	Lab	LCS, RPD	12/27/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-2	MO-MEI	matrix spike	12/27/2023	Pesticide	Glyphosate	n/a	=	59	µg/L	EPA 547	2.1	5			GB
2023/24-2	MO-MEI	matrix spike, rec	12/27/2023	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	86	110	GB
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Heptachlor	n/a	=	0.529	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Heptachlor	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Heptachlor	n/a	=	0.491	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Heptachlor	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Heptachlor	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Heptachlor epoxide	n/a	=	0.428	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Heptachlor epoxide	n/a	=	0.424	µg/L	EPA 625.1	0.001	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 625.1	-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	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Malathion	n/a	=	0.433	µg/L	EPA 625.1	0.0025	0.005			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Malathion	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Malathion	n/a	=	0.423	µg/L	EPA 625.1	0.0025	0.005			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Malathion	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Malathion	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Pentachlorophenol	n/a	=	0.843	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Pentachlorophenol	n/a	=	0.934	µg/L	EPA 625.1	0.05	0.1			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Prometryn	n/a	=	0.497	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Prometryn	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Prometryn	n/a	=	0.501	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Prometryn	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Prometryn	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/17/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS	1/17/2024	Pesticide	Simazine	n/a	=	0.467	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS, rec	1/17/2024	Pesticide	Simazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/17/2024	Pesticide	Simazine	n/a	=	0.472	µg/L	EPA 625.1	0.005	0.01			
2023/24-2	Lab	LCS dup, rec	1/17/2024	Pesticide	Simazine	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/17/2024	Pesticide	Simazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-2	Lab	method blank	1/11/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-2	Lab	LCS	1/11/2024	Pesticide	Toxaphene	n/a	=	5.8	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-2	Lab	LCS, rec	1/11/2024	Pesticide	Toxaphene	n/a	=	116	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-2	Lab	LCS dup	1/11/2024	Pesticide	Toxaphene	n/a	=	5.52	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-2	Lab	LCS dup, rec	1/11/2024	Pesticide	Toxaphene	n/a	=	110	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-2	Lab	LCS, RPD	1/11/2024	Pesticide	Toxaphene	n/a	=	5	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-3	Lab	LCS	2/16/2024	Anion	Chloride	n/a	=	4.95	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	Lab	LCS dup	2/16/2024	Anion	Chloride	n/a	=	4.51	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	2/16/2024	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	70	130	
2023/24-3	Lab	LCS, rec	2/16/2024	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	70	130	
2023/24-3	Lab	LCS, RPD	2/16/2024	Anion	Chloride	n/a	=	10	%	EPA 300.0	-88	-88	0	25	
2023/24-3	Lab	method blank	2/16/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	lab duplicate	2/16/2024	Anion	Chloride	n/a	=	6.31	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-3	MO-CAM	matrix spike	2/16/2024	Anion	Chloride	n/a	=	9.28	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup	2/16/2024	Anion	Chloride	n/a	=	9.28	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	2/16/2024	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	70	130	
2023/24-3	MO-CAM	matrix spike, rec	2/16/2024	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	70	130	
2023/24-3	MO-CAM	matrix spike, RPD	2/16/2024	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-3	Lab	LCS	2/16/2024	Anion	Fluoride	n/a	=	2.18	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	Lab	LCS dup	2/16/2024	Anion	Fluoride	n/a	=	2.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	2/16/2024	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/16/2024	Anion	Fluoride	n/a	=	109	%	EPA 300.0	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	2/16/2024	Anion	Fluoride	n/a	=	9	%	EPA 300.0	-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	
2023/24-3	Lab	method blank	2/16/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	lab duplicate	2/16/2024	Anion	Fluoride	n/a	=	0.134	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-3	MO-CAM	matrix spike	2/16/2024	Anion	Fluoride	n/a	=	2.105	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup	2/16/2024	Anion	Fluoride	n/a	=	2.125	mg/L	EPA 300.0	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	2/16/2024	Anion	Fluoride	n/a	=	106	%	EPA 300.0	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	2/16/2024	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	2/16/2024	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-3	000NONPJ	matrix spike	2/2/2024	Anion	Perchlorate	Total	=	46.592	µg/L	EPA 314.0	0.44	4			
2023/24-3	000NONPJ	matrix spike dup	2/2/2024	Anion	Perchlorate	Total	=	46.852	µg/L	EPA 314.0	0.44	4			
2023/24-3	000NONPJ	matrix spike dup, rec	2/2/2024	Anion	Perchlorate	Total	=	94	%	EPA 314.0	-88	-88	80	120	
2023/24-3	000NONPJ	matrix spike, rec	2/2/2024	Anion	Perchlorate	Total	=	93	%	EPA 314.0	-88	-88	80	120	
2023/24-3	000NONPJ	matrix spike, RPD	2/2/2024	Anion	Perchlorate	Total	=	1	%	EPA 314.0	-88	-88	0	15	
2023/24-3	000NONPJ	matrix spike	2/7/2024	Anion	Perchlorate	Total	=	47.764	µg/L	EPA 314.0	0.37	4			
2023/24-3	000NONPJ	matrix spike dup	2/7/2024	Anion	Perchlorate	Total	=	47.374	µg/L	EPA 314.0	0.37	4			
2023/24-3	000NONPJ	matrix spike dup, rec	2/7/2024	Anion	Perchlorate	Total	=	95	%	EPA 314.0	-88	-88	80	120	
2023/24-3	000NONPJ	matrix spike, rec	2/7/2024	Anion	Perchlorate	Total	=	96	%	EPA 314.0	-88	-88	80	120	
2023/24-3	000NONPJ	matrix spike, RPD	2/7/2024	Anion	Perchlorate	Total	=	1	%	EPA 314.0	-88	-88	0	15	
2023/24-3	Lab	LCS	2/2/2024	Anion	Perchlorate	Total	=	46.73	µg/L	EPA 314.0	0.44	4			
2023/24-3	Lab	LCS, rec	2/2/2024	Anion	Perchlorate	Total	=	93	%	EPA 314.0	-88	-88	85	115	
2023/24-3	Lab	method blank	2/2/2024	Anion	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4			
2023/24-3	Lab	LCS	2/7/2024	Anion	Perchlorate	Total	=	47.89	µg/L	EPA 314.0	0.37	4			
2023/24-3	Lab	LCS, rec	2/7/2024	Anion	Perchlorate	Total	=	96	%	EPA 314.0	-88	-88	85	115	
2023/24-3	Lab	method blank	2/7/2024	Anion	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4			
2023/24-3	Lab	method blank	1/21/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	Lab	method blank	1/21/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	ME-CC	field duplicate	1/21/2024	Bacteriological	E. Coli	n/a	=	359	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2023/24-3	ME-SCR	field blank	1/21/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	Lab	method blank	1/21/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	Lab	method blank	1/21/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	ME-CC	field duplicate	1/21/2024	Bacteriological	Total Coliform	n/a	=	46110	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2023/24-3	ME-SCR	field blank	1/21/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-3	Lab	LCS	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	mg/L	SM 2320 B	1	1			
2023/24-3	Lab	LCS dup	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	94	mg/L	SM 2320 B	1	1			
2023/24-3	Lab	LCS dup, rec	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	94	%	SM 2320 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	3	%	SM 2320 B	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	1/29/2024	Conventional	Alkalinity as CaCO3	n/a	=	26	mg/L	SM 2320 B	1	1		15	
2023/24-3	000NONPJ	lab duplicate	1/27/2024	Conventional	BOD	n/a	=	5	mg/L	SM 5210 B	3	3		20	
2023/24-3	Lab	LCS	1/27/2024	Conventional	BOD	n/a	=	190	mg/L	SM 5210 B	3	3			
2023/24-3	Lab	LCS, rec	1/27/2024	Conventional	BOD	n/a	=	96	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-3	Lab	method blank	1/27/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	3	3			
2023/24-3	000NONPJ	matrix spike	1/26/2024	Conventional	COD	n/a	=	1003	mg/L	SM 5220 D	1.6	4			
2023/24-3	000NONPJ	matrix spike dup	1/26/2024	Conventional	COD	n/a	=	1011	mg/L	SM 5220 D	1.6	4			
2023/24-3	000NONPJ	matrix spike dup, rec	1/26/2024	Conventional	COD	n/a	=	101	%	SM 5220 D	-88	-88	77	120	
2023/24-3	000NONPJ	matrix spike, rec	1/26/2024	Conventional	COD	n/a	=	100	%	SM 5220 D	-88	-88	77	120	
2023/24-3	000NONPJ	matrix spike, RPD	1/26/2024	Conventional	COD	n/a	=	1	%	SM 5220 D	-88	-88	0	20	
2023/24-3	Lab	LCS	1/25/2024	Conventional	COD	n/a	=	1005	mg/L	SM 5220 D	1.6	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	
2023/24-3	Lab	LCS, rec	1/25/2024	Conventional	COD	n/a	=	101	%	SM 5220 D	-88	-88	90	110	
2023/24-3	Lab	method blank	1/25/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-3	Lab	LCS	1/26/2024	Conventional	COD	n/a	=	997	mg/L	SM 5220 D	1.6	4			
2023/24-3	Lab	LCS, rec	1/26/2024	Conventional	COD	n/a	=	100	%	SM 5220 D	-88	-88	90	110	
2023/24-3	Lab	method blank	1/26/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-3	Lab	LCS	1/30/2024	Conventional	COD	n/a	=	105	mg/L	SM 5220 D	1.6	4			
2023/24-3	Lab	LCS, rec	1/30/2024	Conventional	COD	n/a	=	105	%	SM 5220 D	-88	-88	90	110	
2023/24-3	Lab	method blank	1/30/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-3	ME-CC	matrix spike	1/25/2024	Conventional	COD	n/a	=	1047	mg/L	SM 5220 D	1.6	4			
2023/24-3	ME-CC	matrix spike dup	1/25/2024	Conventional	COD	n/a	=	1021	mg/L	SM 5220 D	1.6	4			
2023/24-3	ME-CC	matrix spike dup, rec	1/25/2024	Conventional	COD	n/a	=	102	%	SM 5220 D	-88	-88	77	120	
2023/24-3	ME-CC	matrix spike, rec	1/25/2024	Conventional	COD	n/a	=	105	%	SM 5220 D	-88	-88	77	120	
2023/24-3	ME-CC	matrix spike, RPD	1/25/2024	Conventional	COD	n/a	=	2	%	SM 5220 D	-88	-88	0	20	
2023/24-3	MO-CAM	matrix spike	1/30/2024	Conventional	COD	n/a	=	163	mg/L	SM 5220 D	1.6	4			GB
2023/24-3	MO-CAM	matrix spike dup	1/30/2024	Conventional	COD	n/a	=	169	mg/L	SM 5220 D	1.6	4			GB
2023/24-3	MO-CAM	matrix spike dup, rec	1/30/2024	Conventional	COD	n/a	=	169	%	SM 5220 D	-88	-88	77	120	GB
2023/24-3	MO-CAM	matrix spike, rec	1/30/2024	Conventional	COD	n/a	=	163	%	SM 5220 D	-88	-88	77	120	GB
2023/24-3	MO-CAM	matrix spike, RPD	1/30/2024	Conventional	COD	n/a	=	3	%	SM 5220 D	-88	-88	0	20	
2023/24-3	Lab	LCS	1/30/2024	Conventional	Cyanide	Total	=	0.195	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	Lab	LCS, rec	1/30/2024	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2023/24-3	Lab	method blank	1/30/2024	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	ME-CC	field duplicate	1/30/2024	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	ME-CC	matrix spike	1/30/2024	Conventional	Cyanide	Total	=	0.198	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	ME-CC	matrix spike dup	1/30/2024	Conventional	Cyanide	Total	=	0.1901	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	ME-CC	matrix spike dup, rec	1/30/2024	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	
2023/24-3	ME-CC	matrix spike, rec	1/30/2024	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2023/24-3	ME-CC	matrix spike, RPD	1/30/2024	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	
2023/24-3	ME-SCR	field blank	1/30/2024	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-3	ME-CC	lab duplicate	3/11/2024	Conventional	Hardness as CaCO3	Total	=	403	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-3	Lab	LCS	1/23/2024	Conventional	MBAS	n/a	=	0.118	mg/L	SM 5540 C	0.02	0.05			
2023/24-3	Lab	LCS dup	1/23/2024	Conventional	MBAS	n/a	=	0.114	mg/L	SM 5540 C	0.02	0.05			
2023/24-3	Lab	LCS dup, rec	1/23/2024	Conventional	MBAS	n/a	=	114	%	SM 5540 C	-88	-88	70	130	
2023/24-3	Lab	LCS, rec	1/23/2024	Conventional	MBAS	n/a	=	118	%	SM 5540 C	-88	-88	70	130	
2023/24-3	Lab	LCS, RPD	1/23/2024	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	25	
2023/24-3	Lab	method blank	1/23/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-3	MO-CAM	lab duplicate	1/23/2024	Conventional	MBAS	n/a	=	0.424	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-3	MO-CAM	matrix spike	1/23/2024	Conventional	MBAS	n/a	=	0.113	mg/L	SM 5540 C	0.02	0.05			
2023/24-3	MO-CAM	matrix spike dup	1/23/2024	Conventional	MBAS	n/a	=	0.105	mg/L	SM 5540 C	0.02	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	1/23/2024	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	70	130	
2023/24-3	MO-CAM	matrix spike, rec	1/23/2024	Conventional	MBAS	n/a	=	113	%	SM 5540 C	-88	-88	70	130	
2023/24-3	MO-CAM	matrix spike, RPD	1/23/2024	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	25	
2023/24-3	Lab	LCS	2/13/2024	Conventional	Specific Conductance	n/a	=	21200	µmhos/cm	SM 2510 B	1	1			
2023/24-3	Lab	LCS dup	2/13/2024	Conventional	Specific Conductance	n/a	=	22200	µmhos/cm	SM 2510 B	1	1			
2023/24-3	Lab	LCS dup, rec	2/13/2024	Conventional	Specific Conductance	n/a	=	111	%	SM 2510 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/13/2024	Conventional	Specific Conductance	n/a	=	106	%	SM 2510 B	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	2/13/2024	Conventional	Specific Conductance	n/a	=	5	%	SM 2510 B	-88	-88	0	25	
2023/24-3	Lab	method blank	2/13/2024	Conventional	Specific Conductance	n/a	<	1	µmhos/cm	SM 2510 B	1	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-CAM	lab duplicate	2/13/2024	Conventional	Specific Conductance	n/a	=	79.4	µmhos/cm	SM 2510 B	1	1		25	
2023/24-3	Lab	LCS	1/22/2024	Conventional	Total Chlorine Residual	n/a	=	0.323	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-3	Lab	LCS dup	1/22/2024	Conventional	Total Chlorine Residual	n/a	=	0.299	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-3	Lab	LCS dup, rec	1/22/2024	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	1/22/2024	Conventional	Total Chlorine Residual	n/a	=	108	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	1/22/2024	Conventional	Total Chlorine Residual	n/a	=	8	%	SM 4500-Cl D	-88	-88	0	25	
2023/24-3	Lab	method blank	1/22/2024	Conventional	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-3	MO-CAM	lab duplicate	1/26/2024	Conventional	Total Dissolved Solids	n/a	=	78	mg/L	SM 2540 C	6.3	10		10	
2023/24-3	Lab	LCS	1/25/2024	Conventional	Total Organic Carbon	n/a	=	9.82	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup	1/25/2024	Conventional	Total Organic Carbon	n/a	=	9.59	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	1/25/2024	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	1/25/2024	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 B	-88	-88	0	25	
2023/24-3	Lab	method blank	1/25/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS	2/17/2024	Conventional	Total Organic Carbon	n/a	=	9.43	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS	2/17/2024	Conventional	Total Organic Carbon	n/a	=	9.8	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup	2/17/2024	Conventional	Total Organic Carbon	n/a	=	9.68	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup	2/17/2024	Conventional	Total Organic Carbon	n/a	=	9.46	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS dup, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	2/17/2024	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 B	-88	-88	0	25	
2023/24-3	Lab	LCS, RPD	2/17/2024	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	25	
2023/24-3	Lab	method blank	2/17/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	method blank	2/17/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS	2/21/2024	Conventional	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup	2/21/2024	Conventional	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	Lab	LCS dup, rec	2/21/2024	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/21/2024	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	2/21/2024	Conventional	Total Organic Carbon	n/a	=	0	%	SM 5310 B	-88	-88	0	25	
2023/24-3	Lab	method blank	2/21/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	MO-CAM	lab duplicate	2/17/2024	Conventional	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-3	MO-CAM	matrix spike	2/17/2024	Conventional	Total Organic Carbon	n/a	=	11.1	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	MO-CAM	matrix spike dup	2/17/2024	Conventional	Total Organic Carbon	n/a	=	11.5	mg/L	SM 5310 B	0.2	0.44			
2023/24-3	MO-CAM	matrix spike dup, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	115	%	SM 5310 B	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	2/17/2024	Conventional	Total Organic Carbon	n/a	=	111	%	SM 5310 B	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	2/17/2024	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 B	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	1/25/2024	Conventional	Total Suspended Solids	n/a	=	43.4	mg/L	SM 2540 D	0.5	0.5		20	
2023/24-3	Lab	method blank	1/22/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-3	MO-CAM	lab duplicate	1/22/2024	Conventional	Turbidity	n/a	=	54.6	NTU	EPA 180.1	0.02	0.02		10	
2023/24-3	Lab	method blank	1/26/2024	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-3	MO-CAM	lab duplicate	1/26/2024	Conventional	Volatile Suspended Solids	n/a	=	16.3	mg/L	SM 2540 E	0.1	0.5		15	
2023/24-3	Lab	srgt LCS	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0187	mg/L	EPA 8015B	-88	-88			
2023/24-3	Lab	srgt LCS dup	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0185	mg/L	EPA 8015B	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	93	%	EPA 8015B	-88	-88	35	130	
2023/24-3	Lab	srgt LCS, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	94	%	EPA 8015B	-88	-88	35	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	
2023/24-3	Lab	srgt method blank	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0173	mg/L	EPA 8015B	-88	-88			
2023/24-3	Lab	srgt method blank, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	87	%	EPA 8015B	-88	-88	35	130	
2023/24-3	ME-CC	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0159	mg/L	EPA 8015B	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	79	%	EPA 8015B	-88	-88	35	130	
2023/24-3	ME-SCR	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.017	mg/L	EPA 8015B	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	88	%	EPA 8015B	-88	-88	35	130	
2023/24-3	ME-VR2	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.02	mg/L	EPA 8015B	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	99	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-CAM	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0177	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	81	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-FIL	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0175	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	82	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-HUE	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.019	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	86	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-MPK	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0163	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	74	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-OJA	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0192	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	87	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-OXN	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.018	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	86	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-SIM	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0198	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	90	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-SPA	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0154	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	73	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-THO	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0186	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	92	%	EPA 8015B	-88	-88	35	130	
2023/24-3	MO-VEN	srgt environ	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0173	mg/L	EPA 8015B	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	1/25/2024	Hydrocarbon	n-Triacontane	n/a	=	86	%	EPA 8015B	-88	-88	35	130	
2023/24-3	ME-CC	field duplicate	2/8/2024	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-3	ME-SCR	field blank	2/8/2024	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-3	Lab	LCS	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9091	mg/L	EPA 8015B	0.047	0.1			
2023/24-3	Lab	LCS dup	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9186	mg/L	EPA 8015B	0.047	0.1			
2023/24-3	Lab	LCS dup, rec	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	92	%	EPA 8015B	-88	-88	42	120	
2023/24-3	Lab	LCS, rec	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	91	%	EPA 8015B	-88	-88	42	120	
2023/24-3	Lab	LCS, RPD	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	1	%	EPA 8015B	-88	-88	0	36	
2023/24-3	Lab	method blank	1/25/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.1			
2023/24-3	Lab	method blank	1/25/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	DNQ	0.062	mg/L	EPA 8015B	0.047	0.3			IP
2023/24-3	Lab	method blank	1/25/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3			
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Aluminum	Dissolved	=	101	µg/L	EPA 200.8	1.65	8.25			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Aluminum	Dissolved	=	106	µg/L	EPA 200.8	1.65	8.25			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Aluminum	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Aluminum	Dissolved	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-3	Lab	LCS	3/12/2024	Metal	Aluminum	Total	=	999	µg/L	EPA 200.8	1.65	8.25			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	80	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	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Aluminum	Total	=	969	µg/L	EPA 200.8	1.65	8.25			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Aluminum	Total	=	1430	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Antimony	Dissolved	=	0.944	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Antimony	Dissolved	=	110.027	µg/L	EPA 200.8	0.03	0.15			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Antimony	Dissolved	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Antimony	Dissolved	=	112.027	µg/L	EPA 200.8	0.03	0.15			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Antimony	Dissolved	=	112	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-3	Lab	LCS	3/12/2024	Metal	Antimony	Total	=	1120	µg/L	EPA 200.8	0.03	0.15			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Antimony	Total	=	112	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Antimony	Total	=	1110	µg/L	EPA 200.8	0.03	0.15			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Antimony	Total	=	111	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Antimony	Total	=	0.454	µg/L	EPA 200.8	0.03	0.15		25	SLM
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Arsenic	Dissolved	=	2.9	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Arsenic	Dissolved	=	108.89	µg/L	EPA 200.8	0.05	0.159			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Arsenic	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Arsenic	Dissolved	=	113.89	µg/L	EPA 200.8	0.05	0.159			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Arsenic	Dissolved	=	114	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Arsenic	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-3	Lab	LCS	3/12/2024	Metal	Arsenic	Total	=	1100	µg/L	EPA 200.8	0.05	0.159			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Arsenic	Total	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Arsenic	Total	=	1100	µg/L	EPA 200.8	0.05	0.159			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Arsenic	Total	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Arsenic	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Arsenic	Total	=	3.28	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Barium	Dissolved	=	26.6	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Barium	Dissolved	=	110.8	µg/L	EPA 200.8	0.25	0.5			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Barium	Dissolved	=	111	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Barium	Dissolved	=	109.8	µg/L	EPA 200.8	0.25	0.5			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Barium	Dissolved	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Barium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Barium	Total	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-3	Lab	LCS	3/12/2024	Metal	Barium	Total	=	1120	µg/L	EPA 200.8	0.25	0.5			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Barium	Total	=	112	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Barium	Total	=	1130	µg/L	EPA 200.8	0.25	0.5			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Barium	Total	=	113	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Barium	Total	=	38.1	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Beryllium	Dissolved	=	95.587	µg/L	EPA 200.8	0.01	0.031			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Beryllium	Dissolved	=	93.487	µg/L	EPA 200.8	0.01	0.031			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Beryllium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-3	Lab	LCS	3/12/2024	Metal	Beryllium	Total	=	957	µg/L	EPA 200.8	0.01	0.031			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Beryllium	Total	=	961	µg/L	EPA 200.8	0.01	0.031			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Beryllium	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Beryllium	Total	=	0.052	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Cadmium	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.007	0.023		25	SLM
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Cadmium	Dissolved	=	104.949	µg/L	EPA 200.8	0.007	0.023			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Cadmium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Cadmium	Dissolved	=	103.949	µg/L	EPA 200.8	0.007	0.023			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-3	Lab	LCS	3/12/2024	Metal	Cadmium	Total	=	1040	µg/L	EPA 200.8	0.007	0.023			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Cadmium	Total	=	1030	µg/L	EPA 200.8	0.007	0.023			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Cadmium	Total	=	0.141	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Chromium	Dissolved	=	0.509	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Chromium	Dissolved	=	96.372	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Chromium	Dissolved	=	98.972	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Chromium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Chromium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS	3/12/2024	Metal	Chromium	Total	=	1030	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Chromium	Total	=	1000	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Chromium	Total	=	5.22	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-3	000NONPJ	matrix spike	1/30/2024	Metal	Chromium VI	n/a	=	49.123	µg/L	EPA 218.6	0.25	1			
2023/24-3	000NONPJ	matrix spike dup	1/30/2024	Metal	Chromium VI	n/a	=	49.843	µg/L	EPA 218.6	0.25	1			
2023/24-3	000NONPJ	matrix spike dup, rec	1/30/2024	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	85	115	
2023/24-3	000NONPJ	matrix spike, rec	1/30/2024	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	85	115	
2023/24-3	000NONPJ	matrix spike, RPD	1/30/2024	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-3	Lab	LCS	1/30/2024	Metal	Chromium VI	n/a	=	49.41	µg/L	EPA 218.6	0.25	1			
2023/24-3	Lab	LCS, rec	1/30/2024	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2023/24-3	Lab	method blank	1/30/2024	Metal	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1			
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Copper	Dissolved	=	1.94	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Copper	Dissolved	=	89.47	µg/L	EPA 200.8	0.007	0.022			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Copper	Dissolved	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Copper	Dissolved	=	91.97	µg/L	EPA 200.8	0.007	0.022			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Copper	Total	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-3	Lab	LCS	3/12/2024	Metal	Copper	Total	=	995	µg/L	EPA 200.8	0.007	0.022			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Copper	Total	=	981	µg/L	EPA 200.8	0.007	0.022			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Copper	Total	=	5.3	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Iron	Dissolved	=	10.7	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Iron	Dissolved	=	88.5	µg/L	EPA 200.8	1.13	5.65			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Iron	Dissolved	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Iron	Dissolved	=	91.5	µg/L	EPA 200.8	1.13	5.65			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Iron	Dissolved	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Iron	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-3	Lab	LCS	3/12/2024	Metal	Iron	Total	=	1060	µg/L	EPA 200.8	1.13	5.65			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Iron	Total	=	978	µg/L	EPA 200.8	1.13	5.65			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Iron	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Iron	Total	=	8	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Iron	Total	=	1900	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Lead	Dissolved	=	0.03	µg/L	EPA 200.8	0.007	0.021		25	SLM
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Lead	Dissolved	=	95.54	µg/L	EPA 200.8	0.007	0.021			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Lead	Dissolved	=	94.64	µg/L	EPA 200.8	0.007	0.021			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-3	Lab	LCS	3/12/2024	Metal	Lead	Total	=	1020	µg/L	EPA 200.8	0.007	0.021			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Lead	Total	=	1010	µg/L	EPA 200.8	0.007	0.021			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Lead	Total	=	1.19	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-3	Lab	method blank	3/6/2024	Metal	Mercury	Dissolved	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	MO-CAM	lab duplicate	3/6/2024	Metal	Mercury	Dissolved	=	3.13	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-3	Lab	LCS	3/6/2024	Metal	Mercury	Total	=	9.74	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	Lab	LCS dup	3/6/2024	Metal	Mercury	Total	=	9.76	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	Lab	LCS dup, rec	3/6/2024	Metal	Mercury	Total	=	98	%	EPA 1631E	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	3/6/2024	Metal	Mercury	Total	=	97	%	EPA 1631E	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/6/2024	Metal	Mercury	Total	=	1	%	EPA 1631E	-88	-88	0	25	
2023/24-3	Lab	method blank	3/6/2024	Metal	Mercury	Total	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	MO-CAM	lab duplicate	3/6/2024	Metal	Mercury	Total	=	9.74	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-3	MO-CAM	matrix spike	3/6/2024	Metal	Mercury	Total	=	20.69	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	MO-CAM	matrix spike dup	3/6/2024	Metal	Mercury	Total	=	20.89	ng/L	EPA 1631E	0.04	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/6/2024	Metal	Mercury	Total	=	104	%	EPA 1631E	-88	-88	80	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	
2023/24-3	MO-CAM	matrix spike, rec	3/6/2024	Metal	Mercury	Total	=	103	%	EPA 1631E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	3/6/2024	Metal	Mercury	Total	=	1	%	EPA 1631E	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Nickel	Dissolved	=	2.63	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Nickel	Dissolved	=	98.41	µg/L	EPA 200.8	0.013	0.042			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Nickel	Dissolved	=	97.41	µg/L	EPA 200.8	0.013	0.042			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-3	Lab	LCS	3/12/2024	Metal	Nickel	Total	=	1130	µg/L	EPA 200.8	0.013	0.042			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Nickel	Total	=	113	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Nickel	Total	=	1110	µg/L	EPA 200.8	0.013	0.042			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Nickel	Total	=	111	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Nickel	Total	=	4.19	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Selenium	Dissolved	=	1.5	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Selenium	Dissolved	=	107.38	µg/L	EPA 200.8	0.021	0.068			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Selenium	Dissolved	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Selenium	Dissolved	=	105.38	µg/L	EPA 200.8	0.021	0.068			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-3	Lab	LCS	3/12/2024	Metal	Selenium	Total	=	1060	µg/L	EPA 200.8	0.021	0.068			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Selenium	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Selenium	Total	=	1080	µg/L	EPA 200.8	0.021	0.068			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Selenium	Total	=	1.64	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Silver	Dissolved	=	0.031	µg/L	EPA 200.8	0.01	0.02		25	SLM
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Silver	Dissolved	=	9.021	µg/L	EPA 200.8	0.01	0.02			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Silver	Dissolved	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Silver	Dissolved	=	9.251	µg/L	EPA 200.8	0.01	0.02			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Silver	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	method blank	3/12/2024	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-3	Lab	LCS	3/12/2024	Metal	Silver	Total	=	93.2	µg/L	EPA 200.8	0.01	0.02			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Silver	Total	=	96.4	µg/L	EPA 200.8	0.01	0.02			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Silver	Total	=	0.294	µg/L	EPA 200.8	0.01	0.02		25	IL
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Thallium	Dissolved	DNQ	0.03	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Thallium	Dissolved	=	93.865	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Thallium	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Thallium	Dissolved	=	92.765	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-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	
2023/24-3	Lab	method blank	3/12/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS	3/12/2024	Metal	Thallium	Total	=	977	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Thallium	Total	=	981	µg/L	EPA 200.8	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Thallium	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	SLM
2023/24-3	ME-CC	lab duplicate	3/12/2024	Metal	Zinc	Dissolved	=	7.55	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-3	ME-CC	matrix spike	3/12/2024	Metal	Zinc	Dissolved	=	97.16	µg/L	EPA 200.8	0.022	0.069			
2023/24-3	ME-CC	matrix spike, rec	3/12/2024	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike dup	3/12/2024	Metal	Zinc	Dissolved	=	100.16	µg/L	EPA 200.8	0.022	0.069			
2023/24-3	ME-CC	matrix spike dup, rec	3/12/2024	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-3	ME-CC	matrix spike, RPD	3/12/2024	Metal	Zinc	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-3	Lab	LCS	3/12/2024	Metal	Zinc	Total	=	1020	µg/L	EPA 200.8	0.022	0.069			
2023/24-3	Lab	LCS, rec	3/12/2024	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS dup	3/12/2024	Metal	Zinc	Total	=	1020	µg/L	EPA 200.8	0.022	0.069			
2023/24-3	Lab	LCS dup, rec	3/12/2024	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	3/12/2024	Metal	Zinc	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-3	ME-CC	lab duplicate	4/17/2024	Metal	Zinc	Total	=	19.4	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-3	Lab	LCS	1/24/2024	Nutrient	Ammonia as N	n/a	=	0.094	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-3	Lab	LCS dup	1/24/2024	Nutrient	Ammonia as N	n/a	=	0.099	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-3	Lab	LCS dup, rec	1/24/2024	Nutrient	Ammonia as N	n/a	=	99	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	1/24/2024	Nutrient	Ammonia as N	n/a	=	94	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	1/24/2024	Nutrient	Ammonia as N	n/a	=	5	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-3	Lab	method blank	1/24/2024	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-3	MO-CAM	lab duplicate	1/24/2024	Nutrient	Ammonia as N	n/a	=	0.227	mg/L	SM 4500-NH3 D	0.007	0.03		15	
2023/24-3	MO-CAM	matrix spike	1/24/2024	Nutrient	Ammonia as N	n/a	=	0.12	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-3	MO-CAM	matrix spike dup	1/24/2024	Nutrient	Ammonia as N	n/a	=	0.102	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-3	MO-CAM	matrix spike dup, rec	1/24/2024	Nutrient	Ammonia as N	n/a	=	102	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	1/24/2024	Nutrient	Ammonia as N	n/a	=	120	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	1/24/2024	Nutrient	Ammonia as N	n/a	=	16	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-3	Lab	LCS	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.939	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-3	Lab	LCS dup	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.968	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-3	Lab	LCS dup, rec	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-3	Lab	method blank	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-3	MO-CAM	lab duplicate	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.628	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-3	MO-CAM	matrix spike	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.903	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.933	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	90	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	1/25/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.24	mg/L	SM 4500-P E	0.016	0.03		20	
2023/24-3	MO-CAM	matrix spike	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.314	mg/L	SM 4500-P E	0.016	0.03			
2023/24-3	MO-CAM	matrix spike dup	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	0.33	mg/L	SM 4500-P E	0.016	0.03			
2023/24-3	MO-CAM	matrix spike dup, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	110	%	SM 4500-P E	-88	-88	80	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	
2023/24-3	MO-CAM	matrix spike, rec	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	105	%	SM 4500-P-E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	2/16/2024	Nutrient	Phosphorus as P	Dissolved	=	5	%	SM 4500-P-E	-88	-88	0	25	
2023/24-3	Lab	LCS	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.354	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-3	Lab	LCS dup	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.353	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-3	Lab	LCS dup, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	118	%	SM 4500-P-E	-88	-88	80	120	
2023/24-3	Lab	LCS, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	118	%	SM 4500-P-E	-88	-88	80	120	
2023/24-3	Lab	LCS, RPD	2/20/2024	Nutrient	Phosphorus as P	Total	=	0	%	SM 4500-P-E	-88	-88	0	25	
2023/24-3	Lab	method blank	2/20/2024	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-3	MO-CAM	lab duplicate	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.5	mg/L	SM 4500-P-E	0.016	0.02		20	
2023/24-3	MO-CAM	matrix spike	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.332	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-3	MO-CAM	matrix spike dup	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.331	mg/L	SM 4500-P-E	0.016	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	110	%	SM 4500-P-E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	111	%	SM 4500-P-E	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	2/20/2024	Nutrient	Phosphorus as P	Total	=	1	%	SM 4500-P-E	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	2/5/2024	Nutrient	TKN	n/a	=	1.71	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-3	MO-CAM	matrix spike	2/5/2024	Nutrient	TKN	n/a	=	2.41	mg/L	EPA 351.2	0.13	0.4			
2023/24-3	MO-CAM	matrix spike dup	2/5/2024	Nutrient	TKN	n/a	=	2.37	mg/L	EPA 351.2	0.13	0.4			
2023/24-3	MO-CAM	matrix spike dup, rec	2/5/2024	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, rec	2/5/2024	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	80	120	
2023/24-3	MO-CAM	matrix spike, RPD	2/5/2024	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	25	
2023/24-3	Lab	method blank	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	1.34	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	1.22	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	122	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.989	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.927	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	1.27	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	127	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	1.16	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.825	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.777	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05		25	
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.28	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.62	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.19	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	
2023/24-3	Lab	srgt LCS dup, rec	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	91	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt method blank	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.46	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	1/22/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	51.3	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt field duplicate	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.49	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt field duplicate, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.77	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt field blank	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.73	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt field blank, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-VR2	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.51	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-CAM	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.91	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-FIL	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.73	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-HUE	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.39	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MEI	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.2	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MPK	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.99	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OJA	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.44	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OXN	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.7	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SIM	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SPA	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.81	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-VEN	srgt environ	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.01	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	1/23/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	method blank	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	1.24	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	1.14	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.797	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.737	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	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	
2023/24-3	Lab	method blank	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	1.2	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	1.11	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.794	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.745	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-3	Lab	srgt method blank	2/3/2024	Organic	2,3-D	n/a	=	5.75	µg/L	EPA 615	-88	-88			
2023/24-3	Lab	srgt method blank, rec	2/3/2024	Organic	2,3-D	n/a	=	115	%	EPA 615	-88	-88	53	168	
2023/24-3	Lab	srgt LCS	2/3/2024	Organic	2,3-D	n/a	=	5.6	µg/L	EPA 615	-88	-88			
2023/24-3	Lab	srgt LCS, rec	2/3/2024	Organic	2,3-D	n/a	=	112	%	EPA 615	-88	-88	53	168	
2023/24-3	Lab	srgt LCS dup	2/3/2024	Organic	2,3-D	n/a	=	5.7	µg/L	EPA 615	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	2/3/2024	Organic	2,3-D	n/a	=	114	%	EPA 615	-88	-88	53	168	
2023/24-3	ME-CC	srgt matrix spike	2/3/2024	Organic	2,3-D	n/a	=	6.35	µg/L	EPA 615	-88	-88			
2023/24-3	ME-CC	srgt matrix spike, rec	2/3/2024	Organic	2,3-D	n/a	=	127	%	EPA 615	-88	-88	53	168	
2023/24-3	ME-CC	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	5.2	µg/L	EPA 615	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	104	%	EPA 615	-88	-88	52.7	168	
2023/24-3	ME-SCR	srgt matrix spike	2/3/2024	Organic	2,3-D	n/a	=	5.4	µg/L	EPA 615	-88	-88			
2023/24-3	ME-SCR	srgt matrix spike, rec	2/3/2024	Organic	2,3-D	n/a	=	108	%	EPA 615	-88	-88	53	168	
2023/24-3	ME-SCR	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	5.4	µg/L	EPA 615	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	108	%	EPA 615	-88	-88	52.7	168	
2023/24-3	ME-VR2	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	5.05	µg/L	EPA 615	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	101	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-CAM	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.76	µg/L	EPA 615	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	95.2	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-FIL	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	4.94	µg/L	EPA 615	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	98.8	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-HUE	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	4.995	µg/L	EPA 615	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	99.9	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-MPK	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.59	µg/L	EPA 615	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	91.8	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-OJA	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	5.1	µg/L	EPA 615	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	102	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-OXN	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.805	µg/L	EPA 615	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	96.1	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-SIM	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.88	µg/L	EPA 615	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	97.6	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-SPA	srgt environ	2/3/2024	Organic	2,3-D	n/a	=	5.2	µg/L	EPA 615	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	2/3/2024	Organic	2,3-D	n/a	=	104	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-THO	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.76	µg/L	EPA 615	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	95.2	%	EPA 615	-88	-88	52.7	168	
2023/24-3	MO-VEN	srgt environ	2/4/2024	Organic	2,3-D	n/a	=	4.815	µg/L	EPA 615	-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	
2023/24-3	MO-VEN	srgt environ, rec	2/4/2024	Organic	2,3-D	n/a	=	96.3	%	EPA 615	-88	-88	52.7	168	
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.049	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 625.1	-88	-88	30	130	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625.1	-88	-88	30	130	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625.1	-88	-88	30	130	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625.1	-88	-88	30	130	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625.1	-88	-88	30	130	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.049	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.044	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	44	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	47	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625.1	-88	-88	30	130	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 625.1	-88	-88	30	130	
2023/24-3	Lab	method blank	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	1.32	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	132	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.82	µg/L	EPA 625.1	0.05	0.1			IL
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	50	150	IL
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	47	%	EPA 625.1	-88	-88	0	25	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	1.29	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	129	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	1.28	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	128	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	1.31	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	131	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	1.21	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	1.16	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	1.13	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	1.37	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	1.25	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	1.15	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	1.16	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	0.32	µg/L	EPA 625.1	0.1	0.2			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	32	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	0.488	µg/L	EPA 625.1	0.1	0.2			EUM,IL
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	49	%	EPA 625.1	-88	-88	50	150	EUM,IL
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	42	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	1.067	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	1.157	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,4-Dinitrophenol	n/a	=	0.223	µg/L	EPA 625.1	0.1	0.2		25	SLM
2023/24-3	Lab	method blank	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	0.943	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	0.978	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	98	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.13	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.14	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.24	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.18	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.26	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	126	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.25	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	LCS	1/22/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	35.42	µg/L	EPA 624.1	2.7	5			
2023/24-3	Lab	LCS, rec	1/22/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	71	%	EPA 624.1	-88	-88	10	130	
2023/24-3	Lab	method blank	1/22/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-3	ME-CC	field duplicate	1/23/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-3	ME-SCR	field blank	1/23/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-3	Lab	method blank	3/4/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	1.29	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	129	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	1.17	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	1.12	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2-Chloronaphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	2-Chlorophenol	n/a	=	1.25	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2-Chlorophenol	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2-Chlorophenol	n/a	=	1.14	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2-Chlorophenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2-Chlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2-Chlorophenol	n/a	=	0.882	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2-Chlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2-Chlorophenol	n/a	=	0.866	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2-Chlorophenol	n/a	=	1	%	EPA 625.1	-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	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	2-Nitrophenol	n/a	=	0.81	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	2-Nitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	2-Nitrophenol	n/a	=	0.85	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	2-Nitrophenol	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	2-Nitrophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	2-Nitrophenol	n/a	=	1.14	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	2-Nitrophenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	2-Nitrophenol	n/a	=	1.15	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	2-Nitrophenol	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	2-Nitrophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.68	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	168	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.52	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	152	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.0521	µg/L	EPA 625.1	0.05	0.1			GB
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	5	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.0577	µg/L	EPA 625.1	0.05	0.1			GB
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.808	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.876	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.23	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	123	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.2	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	50.75	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	49.96	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	50.92	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt method blank	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	50.02	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	1/22/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-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	
2023/24-3	ME-CC	srgt field duplicate	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	50.05	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt field duplicate, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	48.77	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt field blank	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.12	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt field blank, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-VR2	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	50.31	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-CAM	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.81	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-FIL	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.57	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-HUE	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.23	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MEI	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.38	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MPK	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.57	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OJA	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.96	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OXN	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.47	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SIM	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.28	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SPA	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.19	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-VEN	srgt environ	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	49.61	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	1/23/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	method blank	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.18	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.14	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.09	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	method blank	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1.24	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1.18	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1.13	µg/L	EPA 625.1	0.1	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	
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1.14	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.24	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.16	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.18	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.12	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	4-Nitrophenol	n/a	=	1.13	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	4-Nitrophenol	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	4-Nitrophenol	n/a	=	1.06	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	4-Nitrophenol	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	4-Nitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	4-Nitrophenol	n/a	=	1.07	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	4-Nitrophenol	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	4-Nitrophenol	n/a	=	1.05	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	4-Nitrophenol	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Acenaphthene	n/a	=	2.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Acenaphthene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Acenaphthene	n/a	=	2.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Acenaphthene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Acenaphthene	n/a	=	1.417	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Acenaphthene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Acenaphthene	n/a	=	1.547	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Acenaphthene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Acenaphthene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Acenaphthene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005		25	SLM
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.105	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	105	%	EPA 625.1	-88	-88	27	133	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.112	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	112	%	EPA 625.1	-88	-88	27	133	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.119	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	119	%	EPA 625.1	-88	-88	27	133	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.121	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	121	%	EPA 625.1	-88	-88	27	133	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.115	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	115	%	EPA 625.1	-88	-88	27	133	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	89	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	109	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	107	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.126	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	126	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Acenaphthene-d10	n/a	=	0.121	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Acenaphthene-d10	n/a	=	121	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	73	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.12	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	120	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.125	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	125	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	84	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.115	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	115	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	107	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.116	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	116	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	88	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Acenaphthene-d10	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Acenaphthene-d10	n/a	=	76	%	EPA 625.1	-88	-88	27	133	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Acenaphthene-d10	n/a	=	0.131	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Acenaphthene-d10	n/a	=	131	%	EPA 625.1	-88	-88	27	133	
2023/24-3	Lab	method blank	3/4/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Acenaphthylene	n/a	=	2.47	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Acenaphthylene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Acenaphthylene	n/a	=	2.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Acenaphthylene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Acenaphthylene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Acenaphthylene	n/a	=	1.2988	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Acenaphthylene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Acenaphthylene	n/a	=	1.4688	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Acenaphthylene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Acenaphthylene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Acenaphthylene	n/a	DNQ	0.0046	µg/L	EPA 625.1	0.001	0.005		25	SLM
2023/24-3	Lab	method blank	3/4/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-3	Lab	LCS	3/4/2024	Organic	Anthracene	n/a	=	1.59	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Anthracene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Anthracene	n/a	=	1.61	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Anthracene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Anthracene	n/a	=	1.5636	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Anthracene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Anthracene	n/a	=	1.6136	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Anthracene	n/a	DNQ	0.0042	µg/L	EPA 625.1	0.001	0.005		25	SLM
2023/24-3	Lab	method blank	3/4/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Benz(a)anthracene	n/a	=	0.55	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Benz(a)anthracene	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Benz(a)anthracene	n/a	=	0.544	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Benz(a)anthracene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Benz(a)anthracene	n/a	=	0.4985	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Benz(a)anthracene	n/a	=	0.5745	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Benz(a)anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Benz(a)anthracene	n/a	=	0.0083	µg/L	EPA 625.1	0.001	0.005		25	SLM
2023/24-3	Lab	method blank	3/4/2024	Organic	Ben-zidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Ben-zidine	n/a	=	0.858	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Ben-zidine	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Ben-zidine	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Ben-zidine	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Ben-zidine	n/a	=	25	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Ben-zidine	n/a	=	0.583	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Ben-zidine	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Ben-zidine	n/a	=	0.606	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Ben-zidine	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Ben-zidine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Ben-zidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.65	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.67	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.6247	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.6747	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Ben-zo(a)pyrene	n/a	=	0.0214	µg/L	EPA 625.1	0.001	0.005		25	CE,IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	Lab	method blank	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	0.494	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	0.492	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	0.6163	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	0.6483	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Benzo(b)fluoranthene	n/a	=	0.0121	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.73	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.73	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.6309	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.7109	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Benzo(g,h,i)perylene	n/a	=	0.0327	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	0.506	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	0.532	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	0.5021	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	0.5751	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Benzo(k)fluoranthene	n/a	=	0.0129	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	1.36	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	136	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	1.26	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	126	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	1.14	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625.1	-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	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	1.03	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.925	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.721	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	25	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1.51	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	151	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1.26	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	126	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.808	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	29	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	Lab	LCS	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3.06	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	306	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2.43	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	243	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.19	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.08	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.01	µg/L	EPA 625.1	0.01	0.02		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Butyl benzyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	Lab	LCS	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	3.52	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	352	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	2.68	µg/L	EPA 625.1	0.01	0.02			EUM,IL
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	268	%	EPA 625.1	-88	-88	50	150	EUM,IL
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	27	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	1.456	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	146	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	1.476	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	148	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Butyl benzyl phthalate	n/a	=	0.358	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Chrysene	n/a	=	0.569	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Chrysene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Chrysene	n/a	=	0.547	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Chrysene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Chrysene	n/a	=	0.7582	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Chrysene	n/a	=	139	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Chrysene	n/a	=	0.8252	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Chrysene	n/a	=	145	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Chrysene	n/a	=	0.026	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Chrysene-d12	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	73	%	EPA 625.1	-88	-88	52	144	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Chrysene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	94	%	EPA 625.1	-88	-88	52	144	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Chrysene-d12	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	85	%	EPA 625.1	-88	-88	52	144	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Chrysene-d12	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	80	%	EPA 625.1	-88	-88	52	144	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Chrysene-d12	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	96	%	EPA 625.1	-88	-88	52	144	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Chrysene-d12	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	103	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Chrysene-d12	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	69	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Chrysene-d12	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	65	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Chrysene-d12	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	69	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Chrysene-d12	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Chrysene-d12	n/a	=	66	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	78	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	76	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	78	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	72	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	67	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-oxn	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-oxn	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	66	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.063	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	
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	63	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	72	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Chrysene-d12	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Chrysene-d12	n/a	=	87	%	EPA 625.1	-88	-88	52	144	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Chrysene-d12	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Chrysene-d12	n/a	=	71	%	EPA 625.1	-88	-88	52	144	
2023/24-3	Lab	method blank	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.07	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	0.999	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.92	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	Dibromofluoromethane	n/a	=	47.51	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	Dibromofluoromethane	n/a	=	48.41	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup	1/22/2024	Organic	Dibromofluoromethane	n/a	=	48.16	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	1/22/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt method blank	1/22/2024	Organic	Dibromofluoromethane	n/a	=	48.92	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	1/22/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	50.38	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt field duplicate	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.47	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt field duplicate, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.59	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt field blank	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.99	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt field blank, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-VR2	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.65	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-CAM	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.33	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-FIL	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.53	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-HUE	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.69	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MEI	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.94	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MPK	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.28	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-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	
2023/24-3	MO-OJA	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.95	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OXN	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.15	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SIM	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	48.32	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SPA	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.63	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-VEN	srgt environ	1/23/2024	Organic	Dibromofluoromethane	n/a	=	47.96	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	1/23/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	method blank	3/4/2024	Organic	Diethyl phthalate	n/a	=	0.0431	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	Lab	LCS	3/4/2024	Organic	Diethyl phthalate	n/a	=	1.63	µg/L	EPA 625.1	0.01	0.02			EUM,IP
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Diethyl phthalate	n/a	=	159	%	EPA 625.1	-88	-88	50	150	EUM,IP
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Diethyl phthalate	n/a	=	1.52	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Diethyl phthalate	n/a	=	148	%	EPA 625.1	-88	-88	50	150	IP
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	25	IP
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Diethyl phthalate	n/a	=	1.358	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Diethyl phthalate	n/a	=	68	%	EPA 625.1	-88	-88	50	150	IP
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Diethyl phthalate	n/a	=	1.308	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Diethyl phthalate	n/a	=	65	%	EPA 625.1	-88	-88	50	150	IP
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	25	IP
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Diethyl phthalate	n/a	=	0.191	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	Lab	method blank	3/4/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	Lab	LCS	3/4/2024	Organic	Dimethyl phthalate	n/a	=	1.53	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Dimethyl phthalate	n/a	=	153	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Dimethyl phthalate	n/a	=	1.44	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Dimethyl phthalate	n/a	=	144	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Dimethyl phthalate	n/a	=	1.311	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Dimethyl phthalate	n/a	=	1.241	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Dimethyl phthalate	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Dimethyl phthalate	n/a	=	0.0951	µg/L	EPA 625.1	0.01	0.02			25
2023/24-3	Lab	method blank	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	0.0484	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	Lab	LCS	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	8.99	µg/L	EPA 625.1	0.01	0.02			EUM,IP
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	894	%	EPA 625.1	-88	-88	50	150	EUM,IP
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	4.89	µg/L	EPA 625.1	0.01	0.02			EUM,IL,IP
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	484	%	EPA 625.1	-88	-88	50	150	EUM,IL,IP
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	60	%	EPA 625.1	-88	-88	0	25	IL,IP
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	1.7	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	IP
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	1.78	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625.1	-88	-88	50	150	IP
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	25	IP
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Di-n-butylphthalate	n/a	=	0.262	µg/L	EPA 625.1	0.01	0.02			25
2023/24-3	Lab	method blank	3/4/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	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	
2023/24-3	Lab	LCS	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	1.49	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	149	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	1.56	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	156	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	2.37	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	2.34	µg/L	EPA 625.1	0.01	0.02			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Fluoranthene	n/a	=	1.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Fluoranthene	n/a	=	1.54	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Fluoranthene	n/a	=	1.3216	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Fluoranthene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Fluoranthene	n/a	=	1.3516	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Fluoranthene	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Fluoranthene	n/a	=	0.0319	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Fluorene	n/a	=	2.19	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Fluorene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Fluorene	n/a	=	2.08	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Fluorene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Fluorene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Fluorene	n/a	=	1.8653	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Fluorene	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Fluorene	n/a	=	1.9253	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Fluorene	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Fluorene	n/a	DNQ	0.0036	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	1/17/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	1/17/2024	Organic	Hexachlorobenzene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	1/17/2024	Organic	Hexachlorobenzene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	1/17/2024	Organic	Hexachlorobenzene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	1/17/2024	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	1/17/2024	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Hexachlorobenzene	n/a	=	2.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Hexachlorobenzene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Hexachlorobenzene	n/a	=	2.58	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Hexachlorobenzene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	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	
2023/24-3	Lab	method blank	3/4/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	1.43	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	143	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	1.29	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	129	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	1.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	0.974	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.96	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.812	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.745	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Hexachloroethane	n/a	=	1.36	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Hexachloroethane	n/a	=	136	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Hexachloroethane	n/a	=	1.26	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Hexachloroethane	n/a	=	126	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Hexachloroethane	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Hexachloroethane	n/a	=	0.892	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Hexachloroethane	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Hexachloroethane	n/a	=	0.83	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Hexachloroethane	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Hexachloroethane	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.08	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.03	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.577	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.757	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 625.1	-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	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.0399	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Isophorone	n/a	=	1.6	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Isophorone	n/a	=	160	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Isophorone	n/a	=	1.44	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Isophorone	n/a	=	144	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Isophorone	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Isophorone	n/a	=	1.24	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Isophorone	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Isophorone	n/a	=	1.17	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Isophorone	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Isophorone	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	LCS	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.15	µg/L	EPA 624.1	0.07	5			
2023/24-3	Lab	LCS dup	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.36	µg/L	EPA 624.1	0.07	5			
2023/24-3	Lab	LCS dup, rec	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	LCS, rec	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	LCS, RPD	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0	%	EPA 624.1	-88	-88	0	30	
2023/24-3	Lab	method blank	1/22/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5			
2023/24-3	ME-CC	field duplicate	1/23/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5			
2023/24-3	ME-SCR	field blank	1/23/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5			
2023/24-3	Lab	method blank	3/4/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Naphthalene	n/a	=	2.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Naphthalene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Naphthalene	n/a	=	2.15	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Naphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Naphthalene	n/a	=	1.9193	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Naphthalene	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Naphthalene	n/a	=	1.8993	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Naphthalene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Naphthalene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Naphthalene	n/a	=	0.0238	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	70	%	EPA 625.1	-88	-88	25	125	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	76	%	EPA 625.1	-88	-88	25	125	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	71	%	EPA 625.1	-88	-88	25	125	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.105	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	105	%	EPA 625.1	-88	-88	25	125	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	104	%	EPA 625.1	-88	-88	25	125	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	81	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	92	%	EPA 625.1	-88	-88	25	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	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	91	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.119	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	119	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Naphthalene-d8	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Naphthalene-d8	n/a	=	109	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	69	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.105	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	105	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.112	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	112	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.12	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	120	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.108	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	108	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.112	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	112	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	107	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	66	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Naphthalene-d8	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Naphthalene-d8	n/a	=	74	%	EPA 625.1	-88	-88	25	125	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Naphthalene-d8	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Naphthalene-d8	n/a	=	66	%	EPA 625.1	-88	-88	25	125	
2023/24-3	Lab	method blank	3/4/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	Nitrobenzene	n/a	=	1.24	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Nitrobenzene	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Nitrobenzene	n/a	=	1.19	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Nitrobenzene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Nitrobenzene	n/a	=	0.985	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Nitrobenzene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Nitrobenzene	n/a	=	0.954	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Nitrobenzene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.659	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.427	µg/L	EPA 625.1	0.05	0.1			EUM,IL
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	50	150	EUM,IL
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.117	µg/L	EPA 625.1	0.05	0.1			GB
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	12	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.134	µg/L	EPA 625.1	0.05	0.1			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.64	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	164	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.45	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	145	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.2	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.15	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.73	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.765	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Perylene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Perylene-d12	n/a	=	92	%	EPA 625.1	-88	-88	36	161	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Perylene-d12	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Perylene-d12	n/a	=	83	%	EPA 625.1	-88	-88	36	161	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Perylene-d12	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Perylene-d12	n/a	=	96	%	EPA 625.1	-88	-88	36	161	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Perylene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Perylene-d12	n/a	=	81	%	EPA 625.1	-88	-88	36	161	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Perylene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Perylene-d12	n/a	=	90	%	EPA 625.1	-88	-88	36	161	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Perylene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Perylene-d12	n/a	=	90	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Perylene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Perylene-d12	n/a	=	72	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Perylene-d12	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Perylene-d12	n/a	=	70	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Perylene-d12	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Perylene-d12	n/a	=	66	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Perylene-d12	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Perylene-d12	n/a	=	70	%	EPA 625.1	-88	-88	36	161	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	71	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	82	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	74	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	71	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	63	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	66	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	72	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	69	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Perylene-d12	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Perylene-d12	n/a	=	86	%	EPA 625.1	-88	-88	36	161	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Perylene-d12	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Perylene-d12	n/a	=	74	%	EPA 625.1	-88	-88	36	161	
2023/24-3	Lab	method blank	3/4/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Phenanthrene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Phenanthrene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Phenanthrene	n/a	=	1.79	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Phenanthrene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Phenanthrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Phenanthrene	n/a	=	1.6937	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Phenanthrene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Phenanthrene	n/a	=	1.7637	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Phenanthrene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Phenanthrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Phenanthrene	n/a	=	0.0238	µg/L	EPA 625.1	0.001	0.005		25	CE,IL
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	99	%	EPA 625.1	-88	-88	43	129	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	92	%	EPA 625.1	-88	-88	43	129	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	90	%	EPA 625.1	-88	-88	43	129	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	89	%	EPA 625.1	-88	-88	43	129	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	84	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.081	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	
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	81	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	82	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Phenanthrene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Phenanthrene-d10	n/a	=	85	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	88	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	87	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	88	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	83	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	82	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	70	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	81	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	83	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Phenanthrene-d10	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Phenanthrene-d10	n/a	=	89	%	EPA 625.1	-88	-88	43	129	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Phenanthrene-d10	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Phenanthrene-d10	n/a	=	82	%	EPA 625.1	-88	-88	43	129	
2023/24-3	Lab	method blank	3/4/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS	3/4/2024	Organic	Phenol	n/a	=	1.18	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Phenol	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Phenol	n/a	=	1.03	µg/L	EPA 625.1	0.1	0.2			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Phenol	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Phenol	n/a	=	0.341	µg/L	EPA 625.1	0.1	0.2			GB
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Phenol	n/a	=	34	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Phenol	n/a	=	0.388	µg/L	EPA 625.1	0.1	0.2			GB
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Phenol	n/a	=	39	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Phenol	n/a	DNQ	0.162	µg/L	EPA 625.1	0.1	0.2		25	
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Phenol-d5	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Phenol-d5	n/a	=	70	%	EPA 625.1	-88	-88	0	130	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Phenol-d5	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Phenol-d5	n/a	=	48	%	EPA 625.1	-88	-88	0	130	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Phenol-d5	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Phenol-d5	n/a	=	41	%	EPA 625.1	-88	-88	0	130	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Phenol-d5	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Phenol-d5	n/a	=	0.036	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	0	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	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Phenol-d5	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Phenol-d5	n/a	=	56	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Phenol-d5	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Phenol-d5	n/a	=	48	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Phenol-d5	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Phenol-d5	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Phenol-d5	n/a	=	0.045	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Phenol-d5	n/a	=	45	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	58	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.035	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.045	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	45	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.039	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	47	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	48	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.039	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	52	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Phenol-d5	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Phenol-d5	n/a	=	41	%	EPA 625.1	-88	-88	0	130	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Phenol-d5	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	0	130	
2023/24-3	Lab	method blank	3/4/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Organic	Pyrene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Organic	Pyrene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Organic	Pyrene	n/a	=	1.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Organic	Pyrene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Organic	Pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Organic	Pyrene	n/a	=	1.227	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Organic	Pyrene	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Organic	Pyrene	n/a	=	1.247	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Organic	Pyrene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Organic	Pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Organic	Pyrene	n/a	=	0.0451	µg/L	EPA 625.1	0.001	0.005	25	CE,IL	
2023/24-3	Lab	srgt method blank	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 625.1	-88	-88	6	124	
2023/24-3	Lab	srgt LCS	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 625.1	-88	-88	6	124	
2023/24-3	Lab	srgt LCS dup	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.071	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	
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 625.1	-88	-88	6	124	
2023/24-3	ME-CC	srgt environ	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 625.1	-88	-88	6	124	
2023/24-3	ME-SCR	srgt environ	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 625.1	-88	-88	6	124	
2023/24-3	ME-VR2	srgt environ	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.06	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-CAM	srgt environ	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-FIL	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-HUE	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-MEI	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-MPK	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-OJA	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-OXN	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-SIM	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-SPA	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-THO	srgt environ	3/6/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 625.1	-88	-88	6	124	
2023/24-3	MO-VEN	srgt environ	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 625.1	-88	-88	6	124	
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	Toluene-d8	n/a	=	50.48	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS	1/22/2024	Organic	Toluene-d8	n/a	=	50.32	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup	1/22/2024	Organic	Toluene-d8	n/a	=	50.28	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	1/22/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt LCS, rec	1/22/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt method blank	1/22/2024	Organic	Toluene-d8	n/a	=	49.62	µg/L	EPA 624.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	1/22/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	48.35	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-CC	srgt field duplicate	1/23/2024	Organic	Toluene-d8	n/a	=	50.09	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-CC	srgt field duplicate, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-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	
2023/24-3	ME-SCR	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.24	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-SCR	srgt field blank	1/23/2024	Organic	Toluene-d8	n/a	=	49.99	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-SCR	srgt field blank, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	ME-VR2	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	48.79	µg/L	EPA 624.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-CAM	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.89	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-FIL	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.51	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-HUE	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.72	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MEI	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.76	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-MPK	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.68	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OJA	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-OXN	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	50.18	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SIM	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-SPA	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	50.02	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-3	MO-VEN	srgt environ	1/23/2024	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	1/23/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-3	Lab	srgt method blank	3/4/2024	PCB	PCB 030	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	PCB	PCB 030	n/a	=	109	%	EPA 625.1	-88	-88	52	124	
2023/24-3	Lab	srgt LCS	3/4/2024	PCB	PCB 030	n/a	=	0.105	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	PCB	PCB 030	n/a	=	105	%	EPA 625.1	-88	-88	52	124	
2023/24-3	Lab	srgt LCS dup	3/4/2024	PCB	PCB 030	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	PCB	PCB 030	n/a	=	99	%	EPA 625.1	-88	-88	52	124	
2023/24-3	ME-CC	srgt environ	3/4/2024	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	PCB	PCB 030	n/a	=	92	%	EPA 625.1	-88	-88	52	124	
2023/24-3	ME-SCR	srgt environ	3/4/2024	PCB	PCB 030	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	PCB	PCB 030	n/a	=	97	%	EPA 625.1	-88	-88	52	124	
2023/24-3	ME-VR2	srgt environ	3/4/2024	PCB	PCB 030	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	PCB	PCB 030	n/a	=	82	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	PCB	PCB 030	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	PCB	PCB 030	n/a	=	83	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	PCB	PCB 030	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	PCB	PCB 030	n/a	=	73	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-CAM	srgt environ	3/4/2024	PCB	PCB 030	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	PCB	PCB 030	n/a	=	84	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	PCB	PCB 030	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	PCB	PCB 030	n/a	=	68	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-FIL	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.078	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	
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-HUE	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	81	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-MEI	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	91	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-MPK	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	67	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-OJA	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-OXN	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	79	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-SIM	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	68	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-SPA	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	70	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-THO	srgt environ	3/6/2024	PCB	PCB 030	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	PCB	PCB 030	n/a	=	82	%	EPA 625.1	-88	-88	52	124	
2023/24-3	MO-VEN	srgt environ	3/5/2024	PCB	PCB 030	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	PCB	PCB 030	n/a	=	65	%	EPA 625.1	-88	-88	52	124	
2023/24-3	Lab	srgt method blank	3/4/2024	PCB	PCB 112	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	PCB	PCB 112	n/a	=	75	%	EPA 625.1	-88	-88	49	133	
2023/24-3	Lab	srgt LCS	3/4/2024	PCB	PCB 112	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	PCB	PCB 112	n/a	=	75	%	EPA 625.1	-88	-88	49	133	
2023/24-3	Lab	srgt LCS dup	3/4/2024	PCB	PCB 112	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	PCB	PCB 112	n/a	=	65	%	EPA 625.1	-88	-88	49	133	
2023/24-3	ME-CC	srgt environ	3/4/2024	PCB	PCB 112	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	PCB	PCB 112	n/a	=	66	%	EPA 625.1	-88	-88	49	133	
2023/24-3	ME-SCR	srgt environ	3/4/2024	PCB	PCB 112	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	PCB	PCB 112	n/a	=	84	%	EPA 625.1	-88	-88	49	133	
2023/24-3	ME-VR2	srgt environ	3/4/2024	PCB	PCB 112	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	PCB	PCB 112	n/a	=	94	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	PCB	PCB 112	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	PCB	PCB 112	n/a	=	85	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	PCB	PCB 112	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	PCB	PCB 112	n/a	=	87	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-CAM	srgt environ	3/4/2024	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-FIL	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	84	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-HUE	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	90	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-MEI	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	88	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-MPK	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	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	
2023/24-3	MO-OJA	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	79	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-OXN	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	78	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-SIM	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	66	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-SPA	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-THO	srgt environ	3/6/2024	PCB	PCB 112	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	PCB	PCB 112	n/a	=	92	%	EPA 625.1	-88	-88	49	133	
2023/24-3	MO-VEN	srgt environ	3/5/2024	PCB	PCB 112	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	PCB	PCB 112	n/a	=	84	%	EPA 625.1	-88	-88	49	133	
2023/24-3	Lab	srgt method blank	3/4/2024	PCB	PCB 198	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt method blank, rec	3/4/2024	PCB	PCB 198	n/a	=	77	%	EPA 625.1	-88	-88	60	129	
2023/24-3	Lab	srgt LCS	3/4/2024	PCB	PCB 198	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS, rec	3/4/2024	PCB	PCB 198	n/a	=	75	%	EPA 625.1	-88	-88	60	129	
2023/24-3	Lab	srgt LCS dup	3/4/2024	PCB	PCB 198	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-3	Lab	srgt LCS dup, rec	3/4/2024	PCB	PCB 198	n/a	=	80	%	EPA 625.1	-88	-88	60	129	
2023/24-3	ME-CC	srgt environ	3/4/2024	PCB	PCB 198	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-CC	srgt environ, rec	3/4/2024	PCB	PCB 198	n/a	=	69	%	EPA 625.1	-88	-88	60	129	
2023/24-3	ME-SCR	srgt environ	3/4/2024	PCB	PCB 198	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-SCR	srgt environ, rec	3/4/2024	PCB	PCB 198	n/a	=	78	%	EPA 625.1	-88	-88	60	129	
2023/24-3	ME-VR2	srgt environ	3/4/2024	PCB	PCB 198	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-3	ME-VR2	srgt environ, rec	3/4/2024	PCB	PCB 198	n/a	=	77	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-CAM	srgt matrix spike	3/4/2024	PCB	PCB 198	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike, rec	3/4/2024	PCB	PCB 198	n/a	=	68	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-CAM	srgt matrix spike dup	3/4/2024	PCB	PCB 198	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt matrix spike dup, rec	3/4/2024	PCB	PCB 198	n/a	=	70	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-CAM	srgt environ	3/4/2024	PCB	PCB 198	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt environ, rec	3/4/2024	PCB	PCB 198	n/a	=	74	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-CAM	srgt lab duplicate	3/4/2024	PCB	PCB 198	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-CAM	srgt lab duplicate, rec	3/4/2024	PCB	PCB 198	n/a	=	67	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-FIL	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-FIL	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	68	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-HUE	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-HUE	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	70	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-MEI	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MEI	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	69	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-MPK	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-MPK	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	66	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-OJA	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OJA	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	69	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-OXN	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-OXN	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	63	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-SIM	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-SIM	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	84	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-SPA	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.072	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	
2023/24-3	MO-SPA	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	72	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-THO	srgt environ	3/6/2024	PCB	PCB 198	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-THO	srgt environ, rec	3/6/2024	PCB	PCB 198	n/a	=	82	%	EPA 625.1	-88	-88	60	129	
2023/24-3	MO-VEN	srgt environ	3/5/2024	PCB	PCB 198	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-3	MO-VEN	srgt environ, rec	3/5/2024	PCB	PCB 198	n/a	=	73	%	EPA 625.1	-88	-88	60	129	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	lab duplicate	3/4/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	2/3/2024	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-3	Lab	LCS	2/3/2024	Pesticide	2,4,5-TP	n/a	=	2.6	µg/L	EPA 615	0.2	0.5			
2023/24-3	Lab	LCS, rec	2/3/2024	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 615	-88	-88	66	147	
2023/24-3	Lab	LCS dup	2/3/2024	Pesticide	2,4,5-TP	n/a	=	2.675	µg/L	EPA 615	0.2	0.5			
2023/24-3	Lab	LCS dup, rec	2/3/2024	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 615	-88	-88	66	147	
2023/24-3	Lab	LCS, RPD	2/3/2024	Pesticide	2,4,5-TP	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-3	ME-CC	matrix spike	2/3/2024	Pesticide	2,4,5-TP	n/a	=	2.9	µg/L	EPA 615	0.2	0.5			
2023/24-3	ME-CC	matrix spike, rec	2/3/2024	Pesticide	2,4,5-TP	n/a	=	116	%	EPA 615	-88	-88	66	147	
2023/24-3	ME-SCR	matrix spike	2/3/2024	Pesticide	2,4,5-TP	n/a	=	2.675	µg/L	EPA 615	0.2	0.5			
2023/24-3	ME-SCR	matrix spike, rec	2/3/2024	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 615	-88	-88	66	147	
2023/24-3	Lab	method blank	2/3/2024	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-3	Lab	LCS	2/3/2024	Pesticide	2,4-D	n/a	=	5.6	µg/L	EPA 615	0.47	1			
2023/24-3	Lab	LCS, rec	2/3/2024	Pesticide	2,4-D	n/a	=	112	%	EPA 615	-88	-88	58	159	
2023/24-3	Lab	LCS dup	2/3/2024	Pesticide	2,4-D	n/a	=	5.8	µg/L	EPA 615	0.47	1			
2023/24-3	Lab	LCS dup, rec	2/3/2024	Pesticide	2,4-D	n/a	=	116	%	EPA 615	-88	-88	58	159	
2023/24-3	Lab	LCS, RPD	2/3/2024	Pesticide	2,4-D	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-3	ME-CC	matrix spike	2/3/2024	Pesticide	2,4-D	n/a	=	6.35	µg/L	EPA 615	0.47	1			
2023/24-3	ME-CC	matrix spike, rec	2/3/2024	Pesticide	2,4-D	n/a	=	127	%	EPA 615	-88	-88	58	159	
2023/24-3	ME-SCR	matrix spike	2/3/2024	Pesticide	2,4-D	n/a	=	5.65	µg/L	EPA 615	0.47	1			
2023/24-3	ME-SCR	matrix spike, rec	2/3/2024	Pesticide	2,4-D	n/a	=	113	%	EPA 615	-88	-88	58	159	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	4,4'-DDD	n/a	=	0.417	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	4,4'-DDD	n/a	=	0.401	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	4,4'-DDD	n/a	=	0.54	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	4,4'-DDD	n/a	=	108	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	4,4'-DDD	n/a	=	0.563	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	4,4'-DDD	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0.531	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	4,4'-DDE	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0.532	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	4,4'-DDE	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0.4373	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0.4573	µg/L	EPA 625.1	0.0008	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	4,4'-DDE	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	4,4'-DDE	n/a	=	0.0147	µg/L	EPA 625.1	0.0008	0.002		25	CE,IL
2023/24-3	Lab	method blank	3/4/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	4,4'-DDT	n/a	=	0.498	µg/L	EPA 625.1	0.0005	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	4,4'-DDT	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	4,4'-DDT	n/a	=	0.53	µg/L	EPA 625.1	0.0005	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	4,4'-DDT	n/a	=	0.405	µg/L	EPA 625.1	0.0005	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	4,4'-DDT	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	4,4'-DDT	n/a	=	0.353	µg/L	EPA 625.1	0.0005	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	4,4'-DDT	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	4,4'-DDT	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Aldrin	n/a	=	0.438	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Aldrin	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Aldrin	n/a	=	0.392	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Aldrin	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Aldrin	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Aldrin	n/a	=	0.469	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Aldrin	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Aldrin	n/a	=	0.461	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Aldrin	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Aldrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	alpha-BHC	n/a	=	0.407	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	alpha-BHC	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	alpha-BHC	n/a	=	0.377	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	alpha-BHC	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	alpha-BHC	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	alpha-BHC	n/a	=	0.511	µg/L	EPA 625.1	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	
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	alpha-BHC	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	alpha-BHC	n/a	=	0.477	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	alpha-BHC	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	alpha-BHC	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	0.374	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	0.358	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	0.4943	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	0.5083	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	alpha-Chlordane	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	alpha-Chlordane	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.0007	0.002		25	SLM
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Atrazine	n/a	=	0.706	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Atrazine	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Atrazine	n/a	=	0.682	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Atrazine	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Atrazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Atrazine	n/a	=	0.506	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Atrazine	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Atrazine	n/a	=	0.491	µg/L	EPA 625.1	0.005	0.01			GB
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Atrazine	n/a	=	49	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Atrazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	beta-BHC	n/a	=	0.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	beta-BHC	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	beta-BHC	n/a	=	0.393	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	beta-BHC	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	beta-BHC	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	beta-BHC	n/a	=	0.429	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	beta-BHC	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	beta-BHC	n/a	=	0.446	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	beta-BHC	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	beta-BHC	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	0.511	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	0.482	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 625.1	-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	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	0.586	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	0.585	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Chlorpyrifos	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Cyanazine	n/a	=	0.38	µg/L	EPA 625.1	0.005	0.01			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Cyanazine	n/a	=	38	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Cyanazine	n/a	=	0.4	µg/L	EPA 625.1	0.005	0.01			EUM
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Cyanazine	n/a	=	40	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Cyanazine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Cyanazine	n/a	=	0.292	µg/L	EPA 625.1	0.005	0.01			GB
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Cyanazine	n/a	=	29	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Cyanazine	n/a	=	0.282	µg/L	EPA 625.1	0.005	0.01			GB
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Cyanazine	n/a	=	28	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Cyanazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	delta-BHC	n/a	=	0.364	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	delta-BHC	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	delta-BHC	n/a	=	0.364	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	delta-BHC	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	delta-BHC	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	delta-BHC	n/a	=	0.436	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	delta-BHC	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	delta-BHC	n/a	=	0.457	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	delta-BHC	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	delta-BHC	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Diazinon	n/a	=	0.482	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Diazinon	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Diazinon	n/a	=	0.463	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Diazinon	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Diazinon	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Diazinon	n/a	=	0.508	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Diazinon	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Diazinon	n/a	=	0.563	µg/L	EPA 625.1	0.0005	0.001			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Diazinon	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Diazinon	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Dieldrin	n/a	=	0.478	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Dieldrin	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Dieldrin	n/a	=	0.49	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Dieldrin	n/a	=	98	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Dieldrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Dieldrin	n/a	=	0.348	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Dieldrin	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Dieldrin	n/a	=	0.368	µg/L	EPA 625.1	0.001	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Dieldrin	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Dieldrin	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Endosulfan I	n/a	=	0.383	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Endosulfan I	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Endosulfan I	n/a	=	0.389	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Endosulfan I	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Endosulfan I	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Endosulfan I	n/a	=	0.517	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Endosulfan I	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Endosulfan I	n/a	=	0.56	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Endosulfan I	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Endosulfan I	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Endosulfan II	n/a	=	0.385	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Endosulfan II	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Endosulfan II	n/a	=	0.427	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Endosulfan II	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Endosulfan II	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Endosulfan II	n/a	=	0.596	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Endosulfan II	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Endosulfan II	n/a	=	0.521	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Endosulfan II	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Endosulfan II	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	0.469	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	0.461	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	0.276	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	0.275	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Endosulfan sulfate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Endrin	n/a	=	0.267	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Endrin	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Endrin	n/a	=	0.259	µg/L	EPA 625.1	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	
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Endrin	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Endrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Endrin	n/a	=	0.389	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Endrin	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Endrin	n/a	=	0.413	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Endrin	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Endrin	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	0.133	µg/L	EPA 625.1	0.001	0.005			EUM
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	27	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	0.0716	µg/L	EPA 625.1	0.001	0.005			EUM,IL
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	14	%	EPA 625.1	-88	-88	50	150	EUM,IL
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 625.1	-88	-88	0	25	IL
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	0.219	µg/L	EPA 625.1	0.001	0.005			GB
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	44	%	EPA 625.1	-88	-88	50	150	GB
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	0.271	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Endrin aldehyde	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.358	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.331	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.477	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.476	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	0.456	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	0.451	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	0.4943	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	0.5183	µg/L	EPA 625.1	0.0007	0.002			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	gamma-Chlordane	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	gamma-Chlordane	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.0007	0.002		25	SLM
2023/24-3	Lab	method blank	1/31/2024	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-3	Lab	LCS	1/31/2024	Pesticide	Glyphosate	n/a	=	50	µg/L	EPA 547	2.1	5			
2023/24-3	Lab	LCS, rec	1/31/2024	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	86	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	
2023/24-3	Lab	LCS dup	1/31/2024	Pesticide	Glyphosate	n/a	=	50	µg/L	EPA 547	2.1	5			
2023/24-3	Lab	LCS dup, rec	1/31/2024	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	86	110	
2023/24-3	Lab	LCS, RPD	1/31/2024	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-3	ME-CC	matrix spike	1/31/2024	Pesticide	Glyphosate	n/a	=	47.5	µg/L	EPA 547	2.1	5			
2023/24-3	ME-CC	matrix spike, rec	1/31/2024	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	86	110	
2023/24-3	MO-SIM	matrix spike	1/31/2024	Pesticide	Glyphosate	n/a	=	49.6	µg/L	EPA 547	2.1	5			
2023/24-3	MO-SIM	matrix spike, rec	1/31/2024	Pesticide	Glyphosate	n/a	=	99.2	%	EPA 547	-88	-88	86	110	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Heptachlor	n/a	=	0.289	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Heptachlor	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Heptachlor	n/a	=	0.348	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Heptachlor	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Heptachlor	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Heptachlor	n/a	=	0.423	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Heptachlor	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Heptachlor	n/a	=	0.379	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Heptachlor	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Heptachlor	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	0.316	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	0.327	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	0.37	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	0.373	µg/L	EPA 625.1	0.001	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Malathion	n/a	=	0.589	µg/L	EPA 625.1	0.0025	0.005			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Malathion	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Malathion	n/a	=	0.596	µg/L	EPA 625.1	0.0025	0.005			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Malathion	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Malathion	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Malathion	n/a	=	0.598	µg/L	EPA 625.1	0.0025	0.005			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Malathion	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Malathion	n/a	=	0.565	µg/L	EPA 625.1	0.0025	0.005			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Malathion	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Malathion	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	1	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	1.54	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	1.62	µg/L	EPA 625.1	0.05	0.1			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Prometryn	n/a	=	0.845	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Prometryn	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Prometryn	n/a	=	0.835	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Prometryn	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Prometryn	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Prometryn	n/a	=	0.557	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Prometryn	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Prometryn	n/a	=	0.577	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Prometryn	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Prometryn	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-3	Lab	method blank	3/4/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS	3/4/2024	Pesticide	Simazine	n/a	=	0.663	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS, rec	3/4/2024	Pesticide	Simazine	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/4/2024	Pesticide	Simazine	n/a	=	0.689	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	Lab	LCS dup, rec	3/4/2024	Pesticide	Simazine	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/4/2024	Pesticide	Simazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/4/2024	Pesticide	Simazine	n/a	=	0.558	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	MO-CAM	matrix spike, rec	3/4/2024	Pesticide	Simazine	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/4/2024	Pesticide	Simazine	n/a	=	0.553	µg/L	EPA 625.1	0.005	0.01			
2023/24-3	MO-CAM	matrix spike dup, rec	3/4/2024	Pesticide	Simazine	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/4/2024	Pesticide	Simazine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/4/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01		25	
2023/24-3	Lab	method blank	3/6/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-3	Lab	LCS	3/6/2024	Pesticide	Toxaphene	n/a	=	5.55	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-3	Lab	LCS, rec	3/6/2024	Pesticide	Toxaphene	n/a	=	111	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-3	Lab	LCS dup	3/6/2024	Pesticide	Toxaphene	n/a	=	5.38	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-3	Lab	LCS dup, rec	3/6/2024	Pesticide	Toxaphene	n/a	=	108	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-3	Lab	LCS, RPD	3/6/2024	Pesticide	Toxaphene	n/a	=	3	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-3	MO-CAM	matrix spike	3/6/2024	Pesticide	Toxaphene	n/a	=	5.26	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-3	MO-CAM	matrix spike, rec	3/6/2024	Pesticide	Toxaphene	n/a	=	97	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike dup	3/6/2024	Pesticide	Toxaphene	n/a	=	5.89	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-3	MO-CAM	matrix spike dup, rec	3/6/2024	Pesticide	Toxaphene	n/a	=	104	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-3	MO-CAM	matrix spike, RPD	3/6/2024	Pesticide	Toxaphene	n/a	=	7	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-3	MO-CAM	lab duplicate	3/6/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025		25	
2023/24-4	Lab	LCS	2/28/2024	Anion	Chloride	n/a	=	4.52	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup	2/28/2024	Anion	Chloride	n/a	=	4.54	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	2/28/2024	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	70	130	

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													Min	Max	
2023/24-4	Lab	LCS, rec	2/28/2024	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	70	130	
2023/24-4	Lab	LCS, RPD	2/28/2024	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-4	Lab	method blank	2/28/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	lab duplicate	2/28/2024	Anion	Chloride	n/a	=	27.3	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-4	ME-CC	matrix spike	2/28/2024	Anion	Chloride	n/a	=	24.3	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup	2/28/2024	Anion	Chloride	n/a	=	24.2	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup, rec	2/28/2024	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	70	130	
2023/24-4	ME-CC	matrix spike, rec	2/28/2024	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	70	130	
2023/24-4	ME-CC	matrix spike, RPD	2/28/2024	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-4	Lab	LCS	2/3/2024	Anion	Fluoride	n/a	=	2.03	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup	2/3/2024	Anion	Fluoride	n/a	=	2.03	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	2/3/2024	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/3/2024	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/3/2024	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-4	Lab	method blank	2/3/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	lab duplicate	2/3/2024	Anion	Fluoride	n/a	=	0.228	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-4	ME-CC	matrix spike	2/3/2024	Anion	Fluoride	n/a	=	2.059	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup	2/3/2024	Anion	Fluoride	n/a	=	2.069	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup, rec	2/3/2024	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, rec	2/3/2024	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	2/3/2024	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-4	000NONPJ	matrix spike	2/12/2024	Anion	Perchlorate	Total	=	43.925	µg/L	EPA 314.0	0.37	4			
2023/24-4	000NONPJ	matrix spike dup	2/12/2024	Anion	Perchlorate	Total	=	45.865	µg/L	EPA 314.0	0.37	4			
2023/24-4	000NONPJ	matrix spike dup, rec	2/12/2024	Anion	Perchlorate	Total	=	92	%	EPA 314.0	-88	-88	80	120	
2023/24-4	000NONPJ	matrix spike, rec	2/12/2024	Anion	Perchlorate	Total	=	88	%	EPA 314.0	-88	-88	80	120	
2023/24-4	000NONPJ	matrix spike, RPD	2/12/2024	Anion	Perchlorate	Total	=	4	%	EPA 314.0	-88	-88	0	15	
2023/24-4	Lab	LCS	2/12/2024	Anion	Perchlorate	Total	=	47.86	µg/L	EPA 314.0	0.37	4			
2023/24-4	Lab	LCS, rec	2/12/2024	Anion	Perchlorate	Total	=	96	%	EPA 314.0	-88	-88	85	115	
2023/24-4	Lab	method blank	2/12/2024	Anion	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4			
2023/24-4	Lab	method blank	2/2/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-4	Lab	method blank	2/2/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-4	Lab	method blank	2/2/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-4	Lab	method blank	2/2/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-4	Lab	LCS	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	mg/L	SM 2320 B	1	1			
2023/24-4	Lab	LCS dup	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	94	mg/L	SM 2320 B	1	1			
2023/24-4	Lab	LCS dup, rec	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	94	%	SM 2320 B	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	%	SM 2320 B	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0	25	
2023/24-4	MO-MPK	lab duplicate	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	33	mg/L	SM 2320 B	1	1		15	
2023/24-4	MO-SPA	lab duplicate	2/14/2024	Conventional	Alkalinity as CaCO3	n/a	=	15	mg/L	SM 2320 B	1	1		15	
2023/24-4	000NONPJ	lab duplicate	2/7/2024	Conventional	BOD	n/a	=	978	mg/L	SM 5210 B	-88	3		20	
2023/24-4	000NONPJ	lab duplicate	2/8/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3		20	
2023/24-4	Lab	LCS	2/7/2024	Conventional	BOD	n/a	=	200	mg/L	SM 5210 B	-88	3			
2023/24-4	Lab	LCS, rec	2/7/2024	Conventional	BOD	n/a	=	101	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-4	Lab	method blank	2/7/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-4	Lab	LCS	2/8/2024	Conventional	BOD	n/a	=	208	mg/L	SM 5210 B	-88	3			
2023/24-4	Lab	LCS, rec	2/8/2024	Conventional	BOD	n/a	=	105	%	SM 5210 B	-88	-88	84.6	115.4	

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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	
2023/24-4	Lab	method blank	2/8/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-4	000NONPJ	matrix spike	2/8/2024	Conventional	COD	n/a	=	163	mg/L	SM 5220 D	3.2	8			GB
2023/24-4	000NONPJ	matrix spike dup	2/8/2024	Conventional	COD	n/a	=	159	mg/L	SM 5220 D	3.2	8			GB
2023/24-4	000NONPJ	matrix spike dup, rec	2/8/2024	Conventional	COD	n/a	=	159	%	SM 5220 D	-88	-88	77	120	GB
2023/24-4	000NONPJ	matrix spike, rec	2/8/2024	Conventional	COD	n/a	=	163	%	SM 5220 D	-88	-88	77	120	GB
2023/24-4	000NONPJ	matrix spike, RPD	2/8/2024	Conventional	COD	n/a	=	2	%	SM 5220 D	-88	-88	0	20	GB
2023/24-4	Lab	LCS	2/8/2024	Conventional	COD	n/a	=	106	mg/L	SM 5220 D	1.6	4			
2023/24-4	Lab	LCS, rec	2/8/2024	Conventional	COD	n/a	=	106	%	SM 5220 D	-88	-88	90	110	
2023/24-4	Lab	method blank	2/8/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-4	Lab	LCS	2/8/2024	Conventional	Cyanide	Total	=	0.4039	mg/L	EPA 335.4	0.0032	0.01			
2023/24-4	Lab	LCS, rec	2/8/2024	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2023/24-4	Lab	method blank	2/8/2024	Conventional	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01			
2023/24-4	ME-CC	matrix spike	2/8/2024	Conventional	Cyanide	Total	=	0.3918	mg/L	EPA 335.4	0.0032	0.01			
2023/24-4	ME-CC	matrix spike dup	2/8/2024	Conventional	Cyanide	Total	=	0.4002	mg/L	EPA 335.4	0.0032	0.01			
2023/24-4	ME-CC	matrix spike dup, rec	2/8/2024	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	
2023/24-4	ME-CC	matrix spike, rec	2/8/2024	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2023/24-4	ME-CC	matrix spike, RPD	2/8/2024	Conventional	Cyanide	Total	=	2	%	EPA 335.4	-88	-88	0	20	
2023/24-4	Lab	method blank	3/20/2024	Conventional	Hardness as CaCO3	Total	<	0.1	mg/L	SM 2340 B	0.1	0.5			
2023/24-4	Lab	LCS	3/20/2024	Conventional	Hardness as CaCO3	Total	=	133	mg/L	SM 2340 B	0.1	0.5			
2023/24-4	Lab	LCS, rec	3/20/2024	Conventional	Hardness as CaCO3	Total	=	101	%	SM 2340 B	-88	-88	70	130	
2023/24-4	Lab	LCS dup	3/20/2024	Conventional	Hardness as CaCO3	Total	=	132	mg/L	SM 2340 B	0.1	0.5			
2023/24-4	Lab	LCS dup, rec	3/20/2024	Conventional	Hardness as CaCO3	Total	=	100	%	SM 2340 B	-88	-88	70	130	
2023/24-4	Lab	LCS, RPD	3/20/2024	Conventional	Hardness as CaCO3	Total	=	1	%	SM 2340 B	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/20/2024	Conventional	Hardness as CaCO3	Total	=	248	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-4	Lab	LCS	2/3/2024	Conventional	MBAS	n/a	=	0.111	mg/L	SM 5540 C	0.02	0.05			
2023/24-4	Lab	LCS dup	2/3/2024	Conventional	MBAS	n/a	=	0.115	mg/L	SM 5540 C	0.02	0.05			
2023/24-4	Lab	LCS dup, rec	2/3/2024	Conventional	MBAS	n/a	=	115	%	SM 5540 C	-88	-88	70	130	
2023/24-4	Lab	LCS, rec	2/3/2024	Conventional	MBAS	n/a	=	111	%	SM 5540 C	-88	-88	70	130	
2023/24-4	Lab	LCS, RPD	2/3/2024	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	25	
2023/24-4	Lab	method blank	2/3/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-4	MO-SPA	lab duplicate	2/3/2024	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-4	MO-SPA	matrix spike	2/3/2024	Conventional	MBAS	n/a	=	0.086	mg/L	SM 5540 C	0.02	0.05			
2023/24-4	MO-SPA	matrix spike dup	2/3/2024	Conventional	MBAS	n/a	=	0.098	mg/L	SM 5540 C	0.02	0.05			
2023/24-4	MO-SPA	matrix spike dup, rec	2/3/2024	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	70	130	
2023/24-4	MO-SPA	matrix spike, rec	2/3/2024	Conventional	MBAS	n/a	=	86	%	SM 5540 C	-88	-88	70	130	
2023/24-4	MO-SPA	matrix spike, RPD	2/3/2024	Conventional	MBAS	n/a	=	13	%	SM 5540 C	-88	-88	0	25	
2023/24-4	Lab	LCS	2/14/2024	Conventional	Specific Conductance	n/a	=	22300	µmhos/cm	SM 2510 B	1	1			
2023/24-4	Lab	LCS dup	2/14/2024	Conventional	Specific Conductance	n/a	=	22200	µmhos/cm	SM 2510 B	1	1			
2023/24-4	Lab	LCS dup, rec	2/14/2024	Conventional	Specific Conductance	n/a	=	111	%	SM 2510 B	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/14/2024	Conventional	Specific Conductance	n/a	=	112	%	SM 2510 B	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/14/2024	Conventional	Specific Conductance	n/a	=	1	%	SM 2510 B	-88	-88	0	25	
2023/24-4	Lab	method blank	2/14/2024	Conventional	Specific Conductance	n/a	<	1	µmhos/cm	SM 2510 B	1	1			
2023/24-4	ME-CC	lab duplicate	2/14/2024	Conventional	Specific Conductance	n/a	=	342	µmhos/cm	SM 2510 B	1	1		25	
2023/24-4	Lab	LCS	2/2/2024	Conventional	Total Chlorine Residual	n/a	=	0.312	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-4	Lab	LCS dup	2/2/2024	Conventional	Total Chlorine Residual	n/a	=	0.316	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-4	Lab	LCS dup, rec	2/2/2024	Conventional	Total Chlorine Residual	n/a	=	105	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/2/2024	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl D	-88	-88	80	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	
2023/24-4	Lab	LCS, RPD	2/2/2024	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl D	-88	-88	0	25	
2023/24-4	Lab	method blank	2/2/2024	Conventional	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-4	ME-CC	lab duplicate	2/2/2024	Conventional	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012	0	30	
2023/24-4	Lab	LCS	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	1010	mg/L	SM 2540 C	6.3	10			
2023/24-4	Lab	LCS dup	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	1000	mg/L	SM 2540 C	6.3	10			
2023/24-4	Lab	LCS dup, rec	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	1	%	SM 2540 C	-88	-88	0	25	
2023/24-4	Lab	method blank	2/7/2024	Conventional	Total Dissolved Solids	n/a	<	6.3	mg/L	SM 2540 C	6.3	10			
2023/24-4	MO-THO	lab duplicate	2/7/2024	Conventional	Total Dissolved Solids	n/a	=	214	mg/L	SM 2540 C	6.3	10		10	
2023/24-4	Lab	LCS	2/19/2024	Conventional	Total Organic Carbon	n/a	=	9.55	mg/L	SM 5310 B	0.2	0.44			
2023/24-4	Lab	LCS dup	2/19/2024	Conventional	Total Organic Carbon	n/a	=	9.68	mg/L	SM 5310 B	0.2	0.44			
2023/24-4	Lab	LCS dup, rec	2/19/2024	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/19/2024	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/19/2024	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2023/24-4	Lab	method blank	2/19/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-4	MO-SPA	lab duplicate	2/19/2024	Conventional	Total Organic Carbon	n/a	=	6.13	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-4	MO-SPA	matrix spike	2/19/2024	Conventional	Total Organic Carbon	n/a	=	10.76	mg/L	SM 5310 B	0.2	0.44			
2023/24-4	MO-SPA	matrix spike dup	2/19/2024	Conventional	Total Organic Carbon	n/a	=	10.76	mg/L	SM 5310 B	0.2	0.44			
2023/24-4	MO-SPA	matrix spike dup, rec	2/19/2024	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	80	120	
2023/24-4	MO-SPA	matrix spike, rec	2/19/2024	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	80	120	
2023/24-4	MO-SPA	matrix spike, RPD	2/19/2024	Conventional	Total Organic Carbon	n/a	=	0	%	SM 5310 B	-88	-88	0	25	
2023/24-4	Lab	LCS	2/6/2024	Conventional	Total Suspended Solids	n/a	=	99.6	mg/L	SM 2540 D	6.3	10			
2023/24-4	Lab	LCS dup	2/6/2024	Conventional	Total Suspended Solids	n/a	=	97.6	mg/L	SM 2540 D	6.3	10			
2023/24-4	Lab	LCS dup, rec	2/6/2024	Conventional	Total Suspended Solids	n/a	=	98	%	SM 2540 D	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/6/2024	Conventional	Total Suspended Solids	n/a	=	100	%	SM 2540 D	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/6/2024	Conventional	Total Suspended Solids	n/a	=	2	%	SM 2540 D	-88	-88	0	25	
2023/24-4	Lab	method blank	2/6/2024	Conventional	Total Suspended Solids	n/a	<	6.3	mg/L	SM 2540 D	6.3	10			
2023/24-4	Lab	method blank	2/3/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-4	ME-CC	lab duplicate	2/3/2024	Conventional	Turbidity	n/a	=	1010	NTU	EPA 180.1	0.02	0.02		10	
2023/24-4	Lab	method blank	2/8/2024	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-4	Lab	srgt LCS	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0195	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0195	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	98	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	srgt LCS, rec	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	97	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	srgt method blank	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0208	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/5/2024	Hydrocarbon	n-Triacontane	n/a	=	104	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	srgt LCS	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0214	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.02	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	100	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	srgt LCS, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	107	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	srgt method blank	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0213	mg/L	EPA 8015B	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	107	%	EPA 8015B	-88	-88	35	130	
2023/24-4	ME-CC	srgt environ	2/6/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0158	mg/L	EPA 8015B	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/6/2024	Hydrocarbon	n-Triacontane	n/a	=	82	%	EPA 8015B	-88	-88	35	130	
2023/24-4	ME-SCR	srgt environ	2/6/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0156	mg/L	EPA 8015B	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/6/2024	Hydrocarbon	n-Triacontane	n/a	=	78	%	EPA 8015B	-88	-88	35	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	
2023/24-4	ME-VR2	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.02	mg/L	EPA 8015B	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	99	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-CAM	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0208	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	104	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-FIL	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0197	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	101	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-HUE	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0189	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	93	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-MEI	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0171	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	84	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-MPK	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0189	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	100	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-OJA	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0166	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	87	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-OXN	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0189	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	94	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-SIM	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0176	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	90	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-SPA	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0189	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	94	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-THO	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0184	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	97	%	EPA 8015B	-88	-88	35	130	
2023/24-4	MO-VEN	srgt environ	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0195	mg/L	EPA 8015B	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	2/7/2024	Hydrocarbon	n-Triacontane	n/a	=	90	%	EPA 8015B	-88	-88	35	130	
2023/24-4	Lab	LCS	2/22/2024	Hydrocarbon	Oil and Grease	n/a	=	39	mg/L	EPA 1664B	1	1			
2023/24-4	Lab	LCS dup	2/22/2024	Hydrocarbon	Oil and Grease	n/a	=	38.5	mg/L	EPA 1664B	1	1			
2023/24-4	Lab	LCS dup, rec	2/22/2024	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664B	-88	-88	67	110	
2023/24-4	Lab	LCS, rec	2/22/2024	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664B	-88	-88	67	110	
2023/24-4	Lab	LCS, RPD	2/22/2024	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	30	
2023/24-4	Lab	method blank	2/22/2024	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-4	Lab	LCS	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9287	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	LCS dup	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.926	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	LCS dup, rec	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	93	%	EPA 8015B	-88	-88	42	120	
2023/24-4	Lab	LCS, rec	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	93	%	EPA 8015B	-88	-88	42	120	
2023/24-4	Lab	LCS, RPD	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0	%	EPA 8015B	-88	-88	0	36	
2023/24-4	Lab	method blank	2/5/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	LCS	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	1.006	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	LCS dup	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9015	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	LCS dup, rec	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	90	%	EPA 8015B	-88	-88	42	120	
2023/24-4	Lab	LCS, rec	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	101	%	EPA 8015B	-88	-88	42	120	
2023/24-4	Lab	LCS, RPD	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	11	%	EPA 8015B	-88	-88	0	36	
2023/24-4	Lab	method blank	2/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.1			
2023/24-4	Lab	method blank	2/5/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	DNQ	0.11	mg/L	EPA 8015B	0.068	0.3			IP
2023/24-4	Lab	method blank	2/7/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	DNQ	0.086	mg/L	EPA 8015B	0.068	0.3			IP
2023/24-4	Lab	method blank	2/5/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.3			
2023/24-4	Lab	method blank	2/7/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.3			
2023/24-4	Lab	method blank	3/28/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25			

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	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Aluminum	Dissolved	DNQ	6.43	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Aluminum	Dissolved	=	98.74	µg/L	EPA 200.8	1.65	8.25			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Aluminum	Dissolved	=	98.74	µg/L	EPA 200.8	1.65	8.25			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Aluminum	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-4	Lab	LCS	3/28/2024	Metal	Aluminum	Total	=	1070	µg/L	EPA 200.8	1.65	8.25			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Aluminum	Total	=	944	µg/L	EPA 200.8	1.65	8.25			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Aluminum	Total	=	13	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Aluminum	Total	=	18700	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Antimony	Dissolved	=	0.344	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Antimony	Dissolved	=	107.643	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Antimony	Dissolved	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Antimony	Dissolved	=	105.643	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Antimony	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	Lab	LCS	3/28/2024	Metal	Antimony	Total	=	1020	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Antimony	Total	=	1030	µg/L	EPA 200.8	0.03	0.15			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Antimony	Total	=	0.386	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Arsenic	Dissolved	=	2.08	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Arsenic	Dissolved	=	105.76	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Arsenic	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Arsenic	Dissolved	=	107.76	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Arsenic	Dissolved	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	Lab	LCS	3/28/2024	Metal	Arsenic	Total	=	1060	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Arsenic	Total	=	1080	µg/L	EPA 200.8	0.05	0.159			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Arsenic	Total	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Arsenic	Total	=	4.35	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Barium	Dissolved	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Barium	Dissolved	=	20.8	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Barium	Dissolved	=	102.4	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Barium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Barium	Dissolved	=	105.4	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Barium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	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	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Barium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Barium	Total	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	Lab	LCS	3/28/2024	Metal	Barium	Total	=	1020	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Barium	Total	=	1100	µg/L	EPA 200.8	0.25	0.5			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Barium	Total	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Barium	Total	=	8	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Barium	Total	=	286	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Beryllium	Dissolved	=	90.887	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Beryllium	Dissolved	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Beryllium	Dissolved	=	88.687	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Beryllium	Dissolved	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	Lab	LCS	3/28/2024	Metal	Beryllium	Total	=	868	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Beryllium	Total	=	87	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Beryllium	Total	=	881	µg/L	EPA 200.8	0.01	0.031			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Beryllium	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Beryllium	Total	=	1.18	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Cadmium	Dissolved	=	0.162	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Cadmium	Dissolved	=	101.837	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Cadmium	Dissolved	=	101.837	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Cadmium	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	Lab	LCS	3/28/2024	Metal	Cadmium	Total	=	984	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Cadmium	Total	=	979	µg/L	EPA 200.8	0.007	0.023			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Cadmium	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Cadmium	Total	=	3.18	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Chromium	Dissolved	=	0.589	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Chromium	Dissolved	=	98.334	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Chromium	Dissolved	=	100.434	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Chromium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	Lab	LCS	3/28/2024	Metal	Chromium	Total	=	1020	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Chromium	Total	=	1040	µg/L	EPA 200.8	0.01	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	
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Chromium	Total	=	41.8	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-4	000NONPJ	matrix spike	2/8/2024	Metal	Chromium VI	n/a	=	52.13	µg/L	EPA 218.6	0.25	1			
2023/24-4	000NONPJ	matrix spike	2/8/2024	Metal	Chromium VI	n/a	=	51.97	µg/L	EPA 218.6	0.25	1			
2023/24-4	000NONPJ	matrix spike dup	2/8/2024	Metal	Chromium VI	n/a	=	51.41	µg/L	EPA 218.6	0.25	1			
2023/24-4	000NONPJ	matrix spike dup	2/8/2024	Metal	Chromium VI	n/a	=	51.23	µg/L	EPA 218.6	0.25	1			
2023/24-4	000NONPJ	matrix spike dup, rec	2/8/2024	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	85	115	
2023/24-4	000NONPJ	matrix spike dup, rec	2/8/2024	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	85	115	
2023/24-4	000NONPJ	matrix spike, rec	2/8/2024	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	85	115	
2023/24-4	000NONPJ	matrix spike, rec	2/8/2024	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	85	115	
2023/24-4	000NONPJ	matrix spike, RPD	2/8/2024	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-4	000NONPJ	matrix spike, RPD	2/8/2024	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-4	Lab	LCS	2/8/2024	Metal	Chromium VI	n/a	=	50.92	µg/L	EPA 218.6	0.25	1			
2023/24-4	Lab	LCS, rec	2/8/2024	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2023/24-4	Lab	method blank	2/8/2024	Metal	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1			
2023/24-4	Lab	method blank	3/28/2024	Metal	Copper	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Copper	Dissolved	=	2.38	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Copper	Dissolved	=	97.42	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Copper	Dissolved	=	97.42	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Copper	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Copper	Total	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	Lab	LCS	3/28/2024	Metal	Copper	Total	=	1020	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Copper	Total	=	1060	µg/L	EPA 200.8	0.007	0.022			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Copper	Total	=	47.1	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Iron	Dissolved	=	23.2	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Iron	Dissolved	=	92.3	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Iron	Dissolved	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Iron	Dissolved	=	93.3	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Iron	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Iron	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	Lab	LCS	3/28/2024	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Iron	Total	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	1.13	5.65			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Iron	Total	=	25100	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Lead	Dissolved	=	0.08	µg/L	EPA 200.8	0.007	0.021		25	IL
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Lead	Dissolved	=	96.876	µg/L	EPA 200.8	0.007	0.021			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Lead	Dissolved	=	96.076	µg/L	EPA 200.8	0.007	0.021			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-4	Lab	LCS	3/28/2024	Metal	Lead	Total	=	1000	µg/L	EPA 200.8	0.007	0.021			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Lead	Total	=	1000	µg/L	EPA 200.8	0.007	0.021			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Lead	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Lead	Total	=	18.5	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-4	Lab	method blank	3/13/2024	Metal	Mercury	Dissolved	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	ME-SCR	lab duplicate	3/13/2024	Metal	Mercury	Dissolved	=	2.19	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-4	Lab	LCS	3/13/2024	Metal	Mercury	Total	=	9.67	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	Lab	LCS dup	3/13/2024	Metal	Mercury	Total	=	9.51	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	Lab	LCS dup, rec	3/13/2024	Metal	Mercury	Total	=	95	%	EPA 1631E	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	3/13/2024	Metal	Mercury	Total	=	97	%	EPA 1631E	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/13/2024	Metal	Mercury	Total	=	2	%	EPA 1631E	-88	-88	0	25	
2023/24-4	Lab	method blank	3/13/2024	Metal	Mercury	Total	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	ME-SCR	lab duplicate	3/13/2024	Metal	Mercury	Total	=	3.28	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-4	ME-SCR	matrix spike	3/13/2024	Metal	Mercury	Total	=	20.7	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	ME-SCR	matrix spike dup	3/13/2024	Metal	Mercury	Total	=	21	ng/L	EPA 1631E	0.04	0.2			
2023/24-4	ME-SCR	matrix spike dup, rec	3/13/2024	Metal	Mercury	Total	=	105	%	EPA 1631E	-88	-88	80	120	
2023/24-4	ME-SCR	matrix spike, rec	3/13/2024	Metal	Mercury	Total	=	104	%	EPA 1631E	-88	-88	80	120	
2023/24-4	ME-SCR	matrix spike, RPD	3/13/2024	Metal	Mercury	Total	=	1	%	EPA 1631E	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Nickel	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Nickel	Dissolved	=	2.11	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Nickel	Dissolved	=	97.74	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Nickel	Dissolved	=	98.74	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	Lab	LCS	3/28/2024	Metal	Nickel	Total	=	1030	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Nickel	Total	=	1050	µg/L	EPA 200.8	0.013	0.042			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Nickel	Total	=	58.1	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Selenium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Selenium	Dissolved	=	1.09	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Selenium	Dissolved	=	102.068	µg/L	EPA 200.8	0.021	0.068			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Selenium	Dissolved	=	103.068	µg/L	EPA 200.8	0.021	0.068			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	LCS	3/28/2024	Metal	Selenium	Total	=	1050	µg/L	EPA 200.8	0.021	0.068			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Selenium	Total	=	1010	µg/L	EPA 200.8	0.021	0.068			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Selenium	Total	=	1.1	µg/L	EPA 200.8	0.021	0.068		25	CE,IL
2023/24-4	Lab	method blank	3/28/2024	Metal	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Silver	Dissolved	=	0.03	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Silver	Dissolved	=	8.837	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Silver	Dissolved	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Silver	Dissolved	=	9.257	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Silver	Dissolved	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	Lab	LCS	3/28/2024	Metal	Silver	Total	=	94.2	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Silver	Total	=	98	µg/L	EPA 200.8	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Silver	Total	=	0.118	µg/L	EPA 200.8	0.01	0.02		25	SLM
2023/24-4	Lab	method blank	3/28/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Thallium	Dissolved	=	0.179	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Thallium	Dissolved	=	92.15	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Thallium	Dissolved	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Thallium	Dissolved	=	91.65	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Thallium	Dissolved	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Thallium	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	Lab	LCS	3/28/2024	Metal	Thallium	Total	=	949	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Thallium	Total	=	950	µg/L	EPA 200.8	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Thallium	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Thallium	Total	=	0.384	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Zinc	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Zinc	Dissolved	=	2.82	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-4	ME-CC	matrix spike	3/28/2024	Metal	Zinc	Dissolved	=	102.04	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	ME-CC	matrix spike, rec	3/28/2024	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike dup	3/28/2024	Metal	Zinc	Dissolved	=	102.04	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	ME-CC	matrix spike dup, rec	3/28/2024	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	3/28/2024	Metal	Zinc	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-4	Lab	method blank	3/28/2024	Metal	Zinc	Total	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	Lab	LCS	3/28/2024	Metal	Zinc	Total	=	1020	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	Lab	LCS, rec	3/28/2024	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS dup	3/28/2024	Metal	Zinc	Total	=	1060	µg/L	EPA 200.8	0.022	0.069			
2023/24-4	Lab	LCS dup, rec	3/28/2024	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	3/28/2024	Metal	Zinc	Total	=	4	%	EPA 200.8	-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	
2023/24-4	ME-CC	lab duplicate	3/28/2024	Metal	Zinc	Total	=	193	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-4	Lab	LCS	2/26/2024	Nutrient	Ammonia as N	n/a	=	0.14	mg/L	SM 4500-NH3 D	0.007	0.03			EUM
2023/24-4	Lab	LCS dup	2/26/2024	Nutrient	Ammonia as N	n/a	=	0.107	mg/L	SM 4500-NH3 D	0.007	0.03			IL
2023/24-4	Lab	LCS dup, rec	2/26/2024	Nutrient	Ammonia as N	n/a	=	107	%	SM 4500-NH3 D	-88	-88	80	120	IL
2023/24-4	Lab	LCS, rec	2/26/2024	Nutrient	Ammonia as N	n/a	=	140	%	SM 4500-NH3 D	-88	-88	80	120	EUM
2023/24-4	Lab	LCS, RPD	2/26/2024	Nutrient	Ammonia as N	n/a	=	27	%	SM 4500-NH3 D	-88	-88	0	25	IL
2023/24-4	Lab	method blank	2/26/2024	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-4	Lab	LCS	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.998	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-4	Lab	LCS dup	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	1.07	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	7	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-4	Lab	method blank	2/29/2024	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-4	Lab	LCS	2/3/2024	Nutrient	Nitrate as N	n/a	=	5.1	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup	2/3/2024	Nutrient	Nitrate as N	n/a	=	5.09	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	2/3/2024	Nutrient	Nitrate as N	n/a	=	102	%	EPA 300.0	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/3/2024	Nutrient	Nitrate as N	n/a	=	102	%	EPA 300.0	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/3/2024	Nutrient	Nitrate as N	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-4	Lab	method blank	2/3/2024	Nutrient	Nitrate as N	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	lab duplicate	2/3/2024	Nutrient	Nitrate as N	n/a	=	2.52	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-4	ME-CC	matrix spike	2/3/2024	Nutrient	Nitrate as N	n/a	=	4.27	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup	2/3/2024	Nutrient	Nitrate as N	n/a	=	4.28	mg/L	EPA 300.0	0.01	0.05			
2023/24-4	ME-CC	matrix spike dup, rec	2/3/2024	Nutrient	Nitrate as N	n/a	=	86	%	EPA 300.0	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, rec	2/3/2024	Nutrient	Nitrate as N	n/a	=	85	%	EPA 300.0	-88	-88	80	120	
2023/24-4	ME-CC	matrix spike, RPD	2/3/2024	Nutrient	Nitrate as N	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-4	Lab	LCS	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	0.289	mg/L	SM 4500-P E	0.016	0.03			
2023/24-4	Lab	LCS dup	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	0.28	mg/L	SM 4500-P E	0.016	0.03			
2023/24-4	Lab	LCS dup, rec	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	93	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	96	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	3	%	SM 4500-P E	-88	-88	0	25	
2023/24-4	Lab	method blank	2/28/2024	Nutrient	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03			
2023/24-4	MO-FIL	lab duplicate	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	0.19	mg/L	SM 4500-P E	0.016	0.03		20	
2023/24-4	MO-FIL	matrix spike	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	0.307	mg/L	SM 4500-P E	0.016	0.03			
2023/24-4	MO-FIL	matrix spike dup	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	0.335	mg/L	SM 4500-P E	0.016	0.03			
2023/24-4	MO-FIL	matrix spike dup, rec	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	112	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	MO-FIL	matrix spike, rec	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	102	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	MO-FIL	matrix spike, RPD	2/28/2024	Nutrient	Phosphorus as P	Dissolved	=	9	%	SM 4500-P E	-88	-88	0	25	
2023/24-4	Lab	LCS	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.272	mg/L	SM 4500-P E	0.016	0.02			
2023/24-4	Lab	LCS dup	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.27	mg/L	SM 4500-P E	0.016	0.02			
2023/24-4	Lab	LCS dup, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	90	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	91	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/20/2024	Nutrient	Phosphorus as P	Total	=	1	%	SM 4500-P E	-88	-88	0	25	
2023/24-4	Lab	method blank	2/20/2024	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-4	MO-FIL	lab duplicate	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.268	mg/L	SM 4500-P E	0.016	0.02		20	
2023/24-4	MO-FIL	matrix spike	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.287	mg/L	SM 4500-P E	0.016	0.02			
2023/24-4	MO-FIL	matrix spike dup	2/20/2024	Nutrient	Phosphorus as P	Total	=	0.329	mg/L	SM 4500-P E	0.016	0.02			
2023/24-4	MO-FIL	matrix spike dup, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	110	%	SM 4500-P E	-88	-88	80	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	
2023/24-4	MO-FIL	matrix spike, rec	2/20/2024	Nutrient	Phosphorus as P	Total	=	96	%	SM 4500-P E	-88	-88	80	120	
2023/24-4	MO-FIL	matrix spike, RPD	2/20/2024	Nutrient	Phosphorus as P	Total	=	14	%	SM 4500-P E	-88	-88	0	25	
2023/24-4	Lab	CRM	2/15/2024	Nutrient	TKN	n/a	=	10.7	mg/L	EPA 351.2	0.13	0.4			
2023/24-4	Lab	CRM, rec	2/15/2024	Nutrient	TKN	n/a	=	86	%	EPA 351.2	-88	-88	80	120	
2023/24-4	Lab	LCS	2/15/2024	Nutrient	TKN	n/a	=	2.61	mg/L	EPA 351.2	0.13	0.4			
2023/24-4	Lab	LCS dup	2/15/2024	Nutrient	TKN	n/a	=	2.61	mg/L	EPA 351.2	0.13	0.4			
2023/24-4	Lab	LCS dup, rec	2/15/2024	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	80	120	
2023/24-4	Lab	LCS, rec	2/15/2024	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	80	120	
2023/24-4	Lab	LCS, RPD	2/15/2024	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	25	
2023/24-4	Lab	method blank	2/15/2024	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-4	Lab	method blank	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.659	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.539	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.61	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.597	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	1,2-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.23	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.23	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.33	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	91	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.64	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.15	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.46	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.53	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	49.61	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-CC	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.09	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-SCR	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.91	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-VR2	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.97	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.24	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt travel blank	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.58	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	
2023/24-4	MO-CAM	srgt travel blank, rec	2/8/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-FIL	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.37	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-HUE	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.39	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MEI	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.25	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MPK	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.74	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OJA	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.18	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OXN	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.73	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SIM	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.25	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SPA	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.55	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-THO	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.48	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-VEN	srgt environ	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.43	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	2/6/2024	Organic	1,2-Dichloroethane-d4	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	method blank	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	=	0.904	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	=	0.928	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	1,2-Diphenylhydrazine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.591	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.601	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.558	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.509	µg/L	EPA 625.1	0.01	0.05			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	2/19/2024	Organic	2,3-D	n/a	=	6.35	µg/L	EPA 615	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/19/2024	Organic	2,3-D	n/a	=	127	%	EPA 615	-88	-88	53	168	
2023/24-4	Lab	srgt LCS	2/19/2024	Organic	2,3-D	n/a	=	6	µg/L	EPA 615	-88	-88			
2023/24-4	Lab	srgt LCS, rec	2/19/2024	Organic	2,3-D	n/a	=	120	%	EPA 615	-88	-88	53	168	
2023/24-4	Lab	srgt LCS dup	2/19/2024	Organic	2,3-D	n/a	=	6.35	µg/L	EPA 615	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/19/2024	Organic	2,3-D	n/a	=	127	%	EPA 615	-88	-88	53	168	
2023/24-4	ME-CC	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	5.8	µg/L	EPA 615	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	116	%	EPA 615	-88	-88	52.7	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	ME-SCR	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.15	µg/L	EPA 615	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	123	%	EPA 615	-88	-88	52.7	168	
2023/24-4	ME-VR2	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.7	µg/L	EPA 615	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	134	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-CAM	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.15	µg/L	EPA 615	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	123	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-FIL	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.25	µg/L	EPA 615	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	125	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-HUE	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.75	µg/L	EPA 615	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	135	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-MEI	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.2	µg/L	EPA 615	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	124	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-MPK	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.45	µg/L	EPA 615	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	129	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-OJA	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.45	µg/L	EPA 615	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	129	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-OXN	srgt matrix spike	2/19/2024	Organic	2,3-D	n/a	=	6.2	µg/L	EPA 615	-88	-88			
2023/24-4	MO-OXN	srgt matrix spike, rec	2/19/2024	Organic	2,3-D	n/a	=	124	%	EPA 615	-88	-88	53	168	
2023/24-4	MO-OXN	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.6	µg/L	EPA 615	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	132	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-SIM	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.5	µg/L	EPA 615	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	130	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-SPA	srgt matrix spike	2/19/2024	Organic	2,3-D	n/a	=	6.2	µg/L	EPA 615	-88	-88			
2023/24-4	MO-SPA	srgt matrix spike, rec	2/19/2024	Organic	2,3-D	n/a	=	124	%	EPA 615	-88	-88	53	168	
2023/24-4	MO-SPA	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.15	µg/L	EPA 615	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	123	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-THO	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	6.35	µg/L	EPA 615	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	127	%	EPA 615	-88	-88	52.7	168	
2023/24-4	MO-VEN	srgt environ	2/19/2024	Organic	2,3-D	n/a	=	5.75	µg/L	EPA 615	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	2/19/2024	Organic	2,3-D	n/a	=	115	%	EPA 615	-88	-88	52.7	168	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	30	130	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.115	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	115	%	EPA 625.1	-88	-88	30	130	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.113	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	113	%	EPA 625.1	-88	-88	30	130	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.141	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	141	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.11	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	2,4,6-Tribromophenol	n/a	=	110	%	EPA 625.1	-88	-88	30	130	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.143	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	143	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.112	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	112	%	EPA 625.1	-88	-88	30	130	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.139	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	139	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.137	µg/L	EPA 625.1	-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	
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	137	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.139	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	139	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625.1	-88	-88	30	130	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.137	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	137	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625.1	-88	-88	30	130	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.11	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	110	%	EPA 625.1	-88	-88	30	130	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.136	µg/L	EPA 625.1	-88	-88			GN
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	136	%	EPA 625.1	-88	-88	30	130	GN
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	30	130	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.11	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	2,4,6-Tribromophenol	n/a	=	110	%	EPA 625.1	-88	-88	30	130	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.763	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.721	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,4-Dichlorophenol	n/a	=	0.65	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,4-Dichlorophenol	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,4-Dichlorophenol	n/a	=	0.562	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,4-Dichlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,4-Dimethylphenol	n/a	=	0.498	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,4-Dimethylphenol	n/a	=	0.523	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,4-Dinitrophenol	n/a	=	0.859	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,4-Dinitrophenol	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,4-Dinitrophenol	n/a	=	0.729	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,4-Dinitrophenol	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,4-Dinitrophenol	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	=	0.847	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	=	0.933	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-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	
2023/24-4	Lab	method blank	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.807	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.862	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	LCS	2/6/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	35.29	µg/L	EPA 624.1	1.5	5			
2023/24-4	Lab	LCS, rec	2/6/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	71	%	EPA 624.1	-88	-88	10	130	
2023/24-4	Lab	method blank	2/6/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5			
2023/24-4	Lab	LCS	2/8/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	59.64	µg/L	EPA 624.1	0.8	5			
2023/24-4	Lab	LCS, rec	2/8/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	119	%	EPA 624.1	-88	-88	10	130	
2023/24-4	Lab	method blank	2/8/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5			
2023/24-4	MO-CAM	travel blank	2/8/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5			
2023/24-4	Lab	method blank	3/18/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2-Chloronaphthalene	n/a	=	0.764	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2-Chloronaphthalene	n/a	=	0.703	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	2-Chlorophenol	n/a	=	0.569	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2-Chlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2-Chlorophenol	n/a	=	0.516	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2-Chlorophenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2-Chlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	2-Nitrophenol	n/a	=	0.553	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	2-Nitrophenol	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	2-Nitrophenol	n/a	=	0.499	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	2-Nitrophenol	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	2-Nitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.16	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.24	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.949	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.06	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	52.51	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.13	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.51	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-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	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	52.23	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	51.74	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	48.29	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	51.22	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	48.67	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-CC	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.74	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-SCR	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.54	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-VR2	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.74	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.16	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt travel blank	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	48.59	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt travel blank, rec	2/8/2024	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-FIL	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	52.38	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-HUE	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	50.49	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MEI	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.63	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MPK	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	50.55	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OJA	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	52.42	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OXN	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.39	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SIM	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.77	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SPA	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.08	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-THO	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	52.34	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-VEN	srgt environ	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	51.06	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	2/6/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	method blank	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.933	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.946	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	95	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.78	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.768	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.89	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.877	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	4-Nitrophenol	n/a	=	0.87	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	4-Nitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	4-Nitrophenol	n/a	=	0.853	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	4-Nitrophenol	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Acenaphthene	n/a	=	1.32	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Acenaphthene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Acenaphthene	n/a	=	1.26	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Acenaphthene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Acenaphthene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Acenaphthene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Acenaphthene-d10	n/a	=	96	%	EPA 625.1	-88	-88	27	133	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Acenaphthene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Acenaphthene-d10	n/a	=	86	%	EPA 625.1	-88	-88	27	133	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Acenaphthene-d10	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Acenaphthene-d10	n/a	=	81	%	EPA 625.1	-88	-88	27	133	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Acenaphthene-d10	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Acenaphthene-d10	n/a	=	69	%	EPA 625.1	-88	-88	27	133	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Acenaphthene-d10	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Acenaphthene-d10	n/a	=	70	%	EPA 625.1	-88	-88	27	133	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	86	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.116	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	116	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	82	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	85	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	96	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Acenaphthene-d10	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Acenaphthene-d10	n/a	=	97	%	EPA 625.1	-88	-88	27	133	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	86	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	83	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Acenaphthene-d10	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Acenaphthene-d10	n/a	=	104	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	95	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Acenaphthene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Acenaphthene-d10	n/a	=	96	%	EPA 625.1	-88	-88	27	133	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Acenaphthene-d10	n/a	=	0.129	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Acenaphthene-d10	n/a	=	129	%	EPA 625.1	-88	-88	27	133	
2023/24-4	Lab	method blank	3/18/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Acenaphthylene	n/a	=	1.36	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Acenaphthylene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Acenaphthylene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Acenaphthylene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Acenaphthylene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Anthracene	n/a	=	1.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Anthracene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Anthracene	n/a	=	1.53	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Anthracene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Benz(a)anthracene	n/a	=	1.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Benz(a)anthracene	n/a	=	1.6	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Benz(a)anthracene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Ben-zidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Ben-zidine	n/a	=	0.781	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Ben-zidine	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Ben-zidine	n/a	=	0.724	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Ben-zidine	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Ben-zidine	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.3	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Ben-zo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Ben-zo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Ben-zo(b)fluoranthene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Ben-zo(b)fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Ben-zo(b)fluoranthene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Ben-zo(b)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Benzo(b)fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.41	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.73	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.68	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.708	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.625	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.598	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.575	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.661	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.537	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.33	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.47	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	147	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	0.0371	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-4	Lab	LCS	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	1.34	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	130	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	1.37	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Chrysene	n/a	=	1.52	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Chrysene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Chrysene	n/a	=	1.63	µg/L	EPA 625.1	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	
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Chrysene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Chrysene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srqt method blank	3/18/2024	Organic	Chrysene-d12	n/a	=	0.144	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt method blank, rec	3/18/2024	Organic	Chrysene-d12	n/a	=	144	%	EPA 625.1	-88	-88	52	144	
2023/24-4	Lab	srqt LCS	3/18/2024	Organic	Chrysene-d12	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt LCS, rec	3/18/2024	Organic	Chrysene-d12	n/a	=	100	%	EPA 625.1	-88	-88	52	144	
2023/24-4	Lab	srqt LCS dup	3/18/2024	Organic	Chrysene-d12	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt LCS dup, rec	3/18/2024	Organic	Chrysene-d12	n/a	=	98	%	EPA 625.1	-88	-88	52	144	
2023/24-4	ME-CC	srqt environ	3/18/2024	Organic	Chrysene-d12	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srqt environ, rec	3/18/2024	Organic	Chrysene-d12	n/a	=	83	%	EPA 625.1	-88	-88	52	144	
2023/24-4	ME-SCR	srqt environ	3/18/2024	Organic	Chrysene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srqt environ, rec	3/18/2024	Organic	Chrysene-d12	n/a	=	84	%	EPA 625.1	-88	-88	52	144	
2023/24-4	ME-VR2	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	93	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-CAM	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.12	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	120	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-FIL	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.108	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	108	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-HUE	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	91	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-MEI	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	92	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-MPK	srqt environ	3/20/2024	Organic	Chrysene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srqt environ, rec	3/20/2024	Organic	Chrysene-d12	n/a	=	91	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-OJA	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	89	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-OXN	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	83	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-SIM	srqt environ	3/20/2024	Organic	Chrysene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srqt environ, rec	3/20/2024	Organic	Chrysene-d12	n/a	=	102	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-SPA	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	92	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-THO	srqt environ	3/20/2024	Organic	Chrysene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srqt environ, rec	3/20/2024	Organic	Chrysene-d12	n/a	=	97	%	EPA 625.1	-88	-88	52	144	
2023/24-4	MO-VEN	srqt environ	3/19/2024	Organic	Chrysene-d12	n/a	=	0.132	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srqt environ, rec	3/19/2024	Organic	Chrysene-d12	n/a	=	132	%	EPA 625.1	-88	-88	52	144	
2023/24-4	Lab	method blank	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.53	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.55	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srqt LCS	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.65	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srqt LCS	2/6/2024	Organic	Dibromofluoromethane	n/a	=	48.55	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srqt LCS dup	2/6/2024	Organic	Dibromofluoromethane	n/a	=	48.78	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srqt LCS dup, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srqt LCS, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-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	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/6/2024	Organic	Dibromofluoromethane	n/a	=	50.36	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	Dibromofluoromethane	n/a	=	50.32	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	Dibromofluoromethane	n/a	=	51.4	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/8/2024	Organic	Dibromofluoromethane	n/a	=	50.12	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/8/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/8/2024	Organic	Dibromofluoromethane	n/a	=	51.71	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/8/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-CC	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.38	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-SCR	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.53	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-VR2	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.92	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.17	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt travel blank	2/8/2024	Organic	Dibromofluoromethane	n/a	=	51.42	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt travel blank, rec	2/8/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-FIL	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	48.97	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-HUE	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	50.44	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MEI	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	50.26	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MPK	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.37	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OJA	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.57	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OXN	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.27	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SIM	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	48.81	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SPA	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	50.13	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-THO	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	50.19	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-VEN	srgt environ	2/6/2024	Organic	Dibromofluoromethane	n/a	=	49.06	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	2/6/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	method blank	3/18/2024	Organic	Diethyl phthalate	n/a	=	0.0358	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-4	Lab	LCS	3/18/2024	Organic	Diethyl phthalate	n/a	=	1.03	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Diethyl phthalate	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Diethyl phthalate	n/a	=	1.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Diethyl phthalate	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Diethyl phthalate	n/a	=	2	%	EPA 625.1	-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	
2023/24-4	Lab	method blank	3/18/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS	3/18/2024	Organic	Dimethyl phthalate	n/a	=	0.947	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Dimethyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Dimethyl phthalate	n/a	=	0.919	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Dimethyl phthalate	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS	3/18/2024	Organic	Di-n-butylphthalate	n/a	=	1.03	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Di-n-butylphthalate	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Di-n-butylphthalate	n/a	=	0.938	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS	3/18/2024	Organic	Di-n-octylphthalate	n/a	=	1.37	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Di-n-octylphthalate	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Di-n-octylphthalate	n/a	=	1.48	µg/L	EPA 625.1	0.01	0.02			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Di-n-octylphthalate	n/a	=	148	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Fluoranthene	n/a	=	1.58	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Fluoranthene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Fluoranthene	n/a	=	1.62	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Fluorene	n/a	=	1.44	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Fluorene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Fluorene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Fluorene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	LCS	3/18/2024	Organic	Hexachlorobenzene	n/a	=	1.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Hexachlorobenzene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Hexachlorobenzene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	method blank	3/18/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Hexachlorobutadiene	n/a	=	0.68	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Hexachlorobutadiene	n/a	=	0.548	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Hexachlorobutadiene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Hexachlorobutadiene	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.826	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.742	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	=	74	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Hexachlorocyclopentadiene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Hexachloroethane	n/a	=	0.586	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Hexachloroethane	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Hexachloroethane	n/a	=	0.56	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Hexachloroethane	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Hexachloroethane	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Isophorone	n/a	=	0.835	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Isophorone	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Isophorone	n/a	=	0.767	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Isophorone	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Isophorone	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	LCS	2/6/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	46.79	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	Lab	LCS dup	2/6/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	40.74	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	Lab	LCS dup, rec	2/6/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	81	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	LCS, rec	2/6/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	LCS, RPD	2/6/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	14	%	EPA 624.1	-88	-88	0	30	
2023/24-4	Lab	LCS	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.82	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	Lab	LCS dup	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.22	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	Lab	LCS dup, rec	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	LCS, rec	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	LCS, RPD	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624.1	-88	-88	0	30	
2023/24-4	Lab	method blank	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	MO-CAM	travel blank	2/8/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5			
2023/24-4	Lab	method blank	3/18/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Naphthalene	n/a	=	1.09	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Naphthalene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Naphthalene	n/a	=	0.934	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Naphthalene	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Naphthalene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Naphthalene-d8	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Naphthalene-d8	n/a	=	85	%	EPA 625.1	-88	-88	25	125	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Naphthalene-d8	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Naphthalene-d8	n/a	=	71	%	EPA 625.1	-88	-88	25	125	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Naphthalene-d8	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Naphthalene-d8	n/a	=	61	%	EPA 625.1	-88	-88	25	125	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Naphthalene-d8	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Naphthalene-d8	n/a	=	63	%	EPA 625.1	-88	-88	25	125	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Naphthalene-d8	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Naphthalene-d8	n/a	=	70	%	EPA 625.1	-88	-88	25	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	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	85	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.111	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	111	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	80	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	76	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	98	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Naphthalene-d8	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Naphthalene-d8	n/a	=	92	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	81	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	76	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Naphthalene-d8	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Naphthalene-d8	n/a	=	101	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	94	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Naphthalene-d8	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Naphthalene-d8	n/a	=	89	%	EPA 625.1	-88	-88	25	125	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Naphthalene-d8	n/a	=	0.122	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Naphthalene-d8	n/a	=	122	%	EPA 625.1	-88	-88	25	125	
2023/24-4	Lab	method blank	3/18/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	Nitrobenzene	n/a	=	0.601	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Nitrobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Nitrobenzene	n/a	=	0.538	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Nitrobenzene	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Nitrobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.513	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.527	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.77	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.693	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.945	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.974	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	=	97	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Perylene-d12	n/a	=	0.121	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Perylene-d12	n/a	=	121	%	EPA 625.1	-88	-88	36	161	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Perylene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Perylene-d12	n/a	=	102	%	EPA 625.1	-88	-88	36	161	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Perylene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Perylene-d12	n/a	=	102	%	EPA 625.1	-88	-88	36	161	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Perylene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Perylene-d12	n/a	=	81	%	EPA 625.1	-88	-88	36	161	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Perylene-d12	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Perylene-d12	n/a	=	85	%	EPA 625.1	-88	-88	36	161	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	101	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	102	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	93	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	87	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	91	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	82	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	91	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Perylene-d12	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Perylene-d12	n/a	=	95	%	EPA 625.1	-88	-88	36	161	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Perylene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Perylene-d12	n/a	=	97	%	EPA 625.1	-88	-88	36	161	
2023/24-4	Lab	method blank	3/18/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Phenanthrene	n/a	=	1.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Phenanthrene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Phenanthrene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Phenanthrene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Phenanthrene-d10	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Phenanthrene-d10	n/a	=	104	%	EPA 625.1	-88	-88	43	129	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Phenanthrene-d10	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Phenanthrene-d10	n/a	=	100	%	EPA 625.1	-88	-88	43	129	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Phenanthrene-d10	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Phenanthrene-d10	n/a	=	100	%	EPA 625.1	-88	-88	43	129	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Phenanthrene-d10	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Phenanthrene-d10	n/a	=	80	%	EPA 625.1	-88	-88	43	129	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Phenanthrene-d10	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Phenanthrene-d10	n/a	=	77	%	EPA 625.1	-88	-88	43	129	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	85	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	103	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Phenanthrene-d10	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Phenanthrene-d10	n/a	=	98	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	88	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Phenanthrene-d10	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Phenanthrene-d10	n/a	=	99	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Phenanthrene-d10	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Phenanthrene-d10	n/a	=	97	%	EPA 625.1	-88	-88	43	129	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Phenanthrene-d10	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Phenanthrene-d10	n/a	=	102	%	EPA 625.1	-88	-88	43	129	
2023/24-4	Lab	method blank	3/18/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS	3/18/2024	Organic	Phenol	n/a	=	0.64	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Phenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Phenol	n/a	=	0.495	µg/L	EPA 625.1	0.1	0.2			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Phenol	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Phenol	n/a	=	25	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Phenol-d5	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Phenol-d5	n/a	=	70	%	EPA 625.1	-88	-88	0	130	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Phenol-d5	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Phenol-d5	n/a	=	67	%	EPA 625.1	-88	-88	0	130	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Phenol-d5	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Phenol-d5	n/a	=	68	%	EPA 625.1	-88	-88	0	130	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Phenol-d5	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Phenol-d5	n/a	=	47	%	EPA 625.1	-88	-88	0	130	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Phenol-d5	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Phenol-d5	n/a	=	47	%	EPA 625.1	-88	-88	0	130	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	55	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.077	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	
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	77	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	82	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	51	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	56	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Phenol-d5	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Phenol-d5	n/a	=	85	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	55	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	87	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Phenol-d5	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Phenol-d5	n/a	=	80	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	47	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Phenol-d5	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Phenol-d5	n/a	=	78	%	EPA 625.1	-88	-88	0	130	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Phenol-d5	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Phenol-d5	n/a	=	79	%	EPA 625.1	-88	-88	0	130	
2023/24-4	Lab	method blank	3/18/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Organic	Pyrene	n/a	=	1.59	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Organic	Pyrene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Organic	Pyrene	n/a	=	1.62	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Organic	Pyrene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	srgt method blank	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.112	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	112	%	EPA 625.1	-88	-88	6	124	
2023/24-4	Lab	srgt LCS	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 625.1	-88	-88	6	124	
2023/24-4	Lab	srgt LCS dup	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 625.1	-88	-88	6	124	
2023/24-4	ME-CC	srgt environ	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 625.1	-88	-88	6	124	
2023/24-4	ME-SCR	srgt environ	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 625.1	-88	-88	6	124	
2023/24-4	ME-VR2	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-CAM	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.122	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	122	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-FIL	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.111	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	111	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-HUE	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-MEI	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 625.1	-88	-88	6	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	MO-MPK	srgt environ	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-OJA	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-OXN	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-SIM	srgt environ	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	101	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-SPA	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	91	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-THO	srgt environ	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	91	%	EPA 625.1	-88	-88	6	124	
2023/24-4	MO-VEN	srgt environ	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.113	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	113	%	EPA 625.1	-88	-88	6	124	
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/6/2024	Organic	Toluene-d8	n/a	=	50.08	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/6/2024	Organic	Toluene-d8	n/a	=	49.89	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/6/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/6/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/6/2024	Organic	Toluene-d8	n/a	=	49.46	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS	2/8/2024	Organic	Toluene-d8	n/a	=	49.45	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup	2/8/2024	Organic	Toluene-d8	n/a	=	49.21	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	2/8/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt LCS, rec	2/8/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srgt method blank	2/8/2024	Organic	Toluene-d8	n/a	=	48.22	µg/L	EPA 624.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	2/8/2024	Organic	Toluene-d8	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-CC	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-SCR	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	ME-VR2	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.72	µg/L	EPA 624.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	50.13	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-CAM	srgt travel blank	2/8/2024	Organic	Toluene-d8	n/a	=	47.96	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-CAM	srgt travel blank, rec	2/8/2024	Organic	Toluene-d8	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-FIL	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.58	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-HUE	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	48.88	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MEI	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.01	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-MPK	srgt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.67	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	
2023/24-4	MO-MPK	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OJA	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.01	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OJA	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-OXN	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.26	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-OXN	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SIM	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	50.38	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SIM	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-SPA	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	48.96	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-SPA	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-THO	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	49.56	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-THO	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-4	MO-VEN	srqt environ	2/6/2024	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624.1	-88	-88			
2023/24-4	MO-VEN	srqt environ, rec	2/6/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-4	Lab	srqt method blank	3/18/2024	PCB	PCB 030	n/a	=	0.113	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt method blank, rec	3/18/2024	PCB	PCB 030	n/a	=	113	%	EPA 625.1	-88	-88	52	124	
2023/24-4	Lab	srqt LCS	3/18/2024	PCB	PCB 030	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt LCS, rec	3/18/2024	PCB	PCB 030	n/a	=	90	%	EPA 625.1	-88	-88	52	124	
2023/24-4	Lab	srqt LCS dup	3/18/2024	PCB	PCB 030	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srqt LCS dup, rec	3/18/2024	PCB	PCB 030	n/a	=	87	%	EPA 625.1	-88	-88	52	124	
2023/24-4	ME-CC	srqt environ	3/18/2024	PCB	PCB 030	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srqt environ, rec	3/18/2024	PCB	PCB 030	n/a	=	57	%	EPA 625.1	-88	-88	52	124	
2023/24-4	ME-SCR	srqt environ	3/18/2024	PCB	PCB 030	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srqt environ, rec	3/18/2024	PCB	PCB 030	n/a	=	65	%	EPA 625.1	-88	-88	52	124	
2023/24-4	ME-VR2	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	69	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-CAM	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.123	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	123	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-FIL	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.119	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	119	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-HUE	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	84	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-MEI	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	97	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-MPK	srqt environ	3/20/2024	PCB	PCB 030	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srqt environ, rec	3/20/2024	PCB	PCB 030	n/a	=	90	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-OJA	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	86	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-OXN	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	84	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-SIM	srqt environ	3/20/2024	PCB	PCB 030	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srqt environ, rec	3/20/2024	PCB	PCB 030	n/a	=	106	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-SPA	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	92	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-THO	srqt environ	3/20/2024	PCB	PCB 030	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srqt environ, rec	3/20/2024	PCB	PCB 030	n/a	=	95	%	EPA 625.1	-88	-88	52	124	
2023/24-4	MO-VEN	srqt environ	3/19/2024	PCB	PCB 030	n/a	=	0.115	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srqt environ, rec	3/19/2024	PCB	PCB 030	n/a	=	115	%	EPA 625.1	-88	-88	52	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-4	Lab	srgt method blank	3/18/2024	PCB	PCB 112	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	PCB	PCB 112	n/a	=	109	%	EPA 625.1	-88	-88	49	133	
2023/24-4	Lab	srgt LCS	3/18/2024	PCB	PCB 112	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	PCB	PCB 112	n/a	=	95	%	EPA 625.1	-88	-88	49	133	
2023/24-4	Lab	srgt LCS dup	3/18/2024	PCB	PCB 112	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	PCB	PCB 112	n/a	=	94	%	EPA 625.1	-88	-88	49	133	
2023/24-4	ME-CC	srgt environ	3/18/2024	PCB	PCB 112	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	PCB	PCB 112	n/a	=	77	%	EPA 625.1	-88	-88	49	133	
2023/24-4	ME-SCR	srgt environ	3/18/2024	PCB	PCB 112	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	PCB	PCB 112	n/a	=	89	%	EPA 625.1	-88	-88	49	133	
2023/24-4	ME-VR2	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	82	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-CAM	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-CAM	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	106	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-FIL	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	98	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-HUE	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	92	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-MEI	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	94	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-MPK	srgt environ	3/20/2024	PCB	PCB 112	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srgt environ, rec	3/20/2024	PCB	PCB 112	n/a	=	92	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-OJA	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	90	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-OXN	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	81	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-SIM	srgt environ	3/20/2024	PCB	PCB 112	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srgt environ, rec	3/20/2024	PCB	PCB 112	n/a	=	101	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-SPA	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	96	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-THO	srgt environ	3/20/2024	PCB	PCB 112	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srgt environ, rec	3/20/2024	PCB	PCB 112	n/a	=	98	%	EPA 625.1	-88	-88	49	133	
2023/24-4	MO-VEN	srgt environ	3/19/2024	PCB	PCB 112	n/a	=	0.111	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srgt environ, rec	3/19/2024	PCB	PCB 112	n/a	=	111	%	EPA 625.1	-88	-88	49	133	
2023/24-4	Lab	srgt method blank	3/18/2024	PCB	PCB 198	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt method blank, rec	3/18/2024	PCB	PCB 198	n/a	=	93	%	EPA 625.1	-88	-88	60	129	
2023/24-4	Lab	srgt LCS	3/18/2024	PCB	PCB 198	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS, rec	3/18/2024	PCB	PCB 198	n/a	=	96	%	EPA 625.1	-88	-88	60	129	
2023/24-4	Lab	srgt LCS dup	3/18/2024	PCB	PCB 198	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	Lab	srgt LCS dup, rec	3/18/2024	PCB	PCB 198	n/a	=	95	%	EPA 625.1	-88	-88	60	129	
2023/24-4	ME-CC	srgt environ	3/18/2024	PCB	PCB 198	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-CC	srgt environ, rec	3/18/2024	PCB	PCB 198	n/a	=	89	%	EPA 625.1	-88	-88	60	129	
2023/24-4	ME-SCR	srgt environ	3/18/2024	PCB	PCB 198	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-SCR	srgt environ, rec	3/18/2024	PCB	PCB 198	n/a	=	103	%	EPA 625.1	-88	-88	60	129	
2023/24-4	ME-VR2	srgt environ	3/19/2024	PCB	PCB 198	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	ME-VR2	srgt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	97	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-CAM	srgt environ	3/19/2024	PCB	PCB 198	n/a	=	0.088	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	
2023/24-4	MO-CAM	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	88	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-FIL	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-FIL	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	92	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-HUE	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-HUE	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	95	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-MEI	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MEI	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	102	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-MPK	srqt environ	3/20/2024	PCB	PCB 198	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-MPK	srqt environ, rec	3/20/2024	PCB	PCB 198	n/a	=	97	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-OJA	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OJA	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	99	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-OXN	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-OXN	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	86	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-SIM	srqt environ	3/20/2024	PCB	PCB 198	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SIM	srqt environ, rec	3/20/2024	PCB	PCB 198	n/a	=	96	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-SPA	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-SPA	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	100	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-THO	srqt environ	3/20/2024	PCB	PCB 198	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-THO	srqt environ, rec	3/20/2024	PCB	PCB 198	n/a	=	94	%	EPA 625.1	-88	-88	60	129	
2023/24-4	MO-VEN	srqt environ	3/19/2024	PCB	PCB 198	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-4	MO-VEN	srqt environ, rec	3/19/2024	PCB	PCB 198	n/a	=	88	%	EPA 625.1	-88	-88	60	129	
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	3/18/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	method blank	2/19/2024	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-4	Lab	LCS	2/19/2024	Pesticide	2,4,5-TP	n/a	=	2.55	µg/L	EPA 615	0.2	0.5			
2023/24-4	Lab	LCS, rec	2/19/2024	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 615	-88	-88	66	147	
2023/24-4	Lab	LCS dup	2/19/2024	Pesticide	2,4,5-TP	n/a	=	2.7	µg/L	EPA 615	0.2	0.5			
2023/24-4	Lab	LCS dup, rec	2/19/2024	Pesticide	2,4,5-TP	n/a	=	108	%	EPA 615	-88	-88	66	147	
2023/24-4	Lab	LCS, RPD	2/19/2024	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 615	-88	-88	0	30	
2023/24-4	MO-OXN	matrix spike	2/19/2024	Pesticide	2,4,5-TP	n/a	=	2.675	µg/L	EPA 615	0.2	0.5			
2023/24-4	MO-OXN	matrix spike, rec	2/19/2024	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 615	-88	-88	66	147	
2023/24-4	MO-SPA	matrix spike	2/19/2024	Pesticide	2,4,5-TP	n/a	=	2.725	µg/L	EPA 615	0.2	0.5			
2023/24-4	MO-SPA	matrix spike, rec	2/19/2024	Pesticide	2,4,5-TP	n/a	=	109	%	EPA 615	-88	-88	66	147	
2023/24-4	Lab	method blank	2/19/2024	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-4	Lab	LCS	2/19/2024	Pesticide	2,4-D	n/a	=	5.45	µg/L	EPA 615	0.47	1			
2023/24-4	Lab	LCS, rec	2/19/2024	Pesticide	2,4-D	n/a	=	109	%	EPA 615	-88	-88	58	159	
2023/24-4	Lab	LCS dup	2/19/2024	Pesticide	2,4-D	n/a	=	5.75	µg/L	EPA 615	0.47	1			
2023/24-4	Lab	LCS dup, rec	2/19/2024	Pesticide	2,4-D	n/a	=	115	%	EPA 615	-88	-88	58	159	
2023/24-4	Lab	LCS, RPD	2/19/2024	Pesticide	2,4-D	n/a	=	5	%	EPA 615	-88	-88	0	30	
2023/24-4	MO-OXN	matrix spike	2/19/2024	Pesticide	2,4-D	n/a	=	5.95	µg/L	EPA 615	0.47	1			
2023/24-4	MO-OXN	matrix spike, rec	2/19/2024	Pesticide	2,4-D	n/a	=	119	%	EPA 615	-88	-88	58	159	
2023/24-4	MO-SPA	matrix spike	2/19/2024	Pesticide	2,4-D	n/a	=	6	µg/L	EPA 615	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	
2023/24-4	MO-SPA	matrix spike, rec	2/19/2024	Pesticide	2,4-D	n/a	=	120	%	EPA 615	-88	-88	58	159	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	4,4'-DDD	n/a	=	0.382	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	4,4'-DDD	n/a	=	0.415	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	4,4'-DDD	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	4,4'-DDE	n/a	=	0.567	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	4,4'-DDE	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	4,4'-DDE	n/a	=	0.541	µg/L	EPA 625.1	0.0008	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	4,4'-DDE	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	4,4'-DDT	n/a	=	0.454	µg/L	EPA 625.1	0.0005	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	4,4'-DDT	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	4,4'-DDT	n/a	=	0.49	µg/L	EPA 625.1	0.0005	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	4,4'-DDT	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	4,4'-DDT	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Aldrin	n/a	=	0.457	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Aldrin	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Aldrin	n/a	=	0.418	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Aldrin	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Aldrin	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	alpha-BHC	n/a	=	0.462	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	alpha-BHC	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	alpha-BHC	n/a	=	0.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	alpha-BHC	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	alpha-BHC	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	alpha-Chlordane	n/a	=	0.458	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	alpha-Chlordane	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	alpha-Chlordane	n/a	=	0.439	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	alpha-Chlordane	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	alpha-Chlordane	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Atrazine	n/a	=	0.484	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Atrazine	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Atrazine	n/a	=	0.506	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Atrazine	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Atrazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	beta-BHC	n/a	=	0.457	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	beta-BHC	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	beta-BHC	n/a	=	0.479	µg/L	EPA 625.1	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	
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	beta-BHC	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	beta-BHC	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Chlorpyrifos	n/a	=	0.383	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Chlorpyrifos	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Chlorpyrifos	n/a	=	0.386	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Chlorpyrifos	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Chlorpyrifos	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Cyanazine	n/a	=	0.571	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Cyanazine	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Cyanazine	n/a	=	0.569	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Cyanazine	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Cyanazine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	delta-BHC	n/a	=	0.502	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	delta-BHC	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	delta-BHC	n/a	=	0.473	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	delta-BHC	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	delta-BHC	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Diazinon	n/a	=	0.344	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Diazinon	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Diazinon	n/a	=	0.344	µg/L	EPA 625.1	0.0005	0.001			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Diazinon	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Diazinon	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Dieldrin	n/a	=	0.528	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Dieldrin	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Dieldrin	n/a	=	0.518	µg/L	EPA 625.1	0.001	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Dieldrin	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Dieldrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Endosulfan I	n/a	=	0.57	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Endosulfan I	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Endosulfan I	n/a	=	0.534	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Endosulfan I	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Endosulfan I	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Endosulfan II	n/a	=	0.491	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Endosulfan II	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Endosulfan II	n/a	=	0.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Endosulfan II	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Endosulfan II	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Endosulfan sulfate	n/a	=	0.389	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Endosulfan sulfate	n/a	=	78	%	EPA 625.1	-88	-88	50	150	

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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	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Endosulfan sulfate	n/a	=	0.427	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Endosulfan sulfate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Endosulfan sulfate	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Endrin	n/a	=	0.588	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Endrin	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Endrin	n/a	=	0.59	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Endrin	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Endrin	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Endrin aldehyde	n/a	=	0.313	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Endrin aldehyde	n/a	=	0.26	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Endrin aldehyde	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Endrin aldehyde	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.448	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.44	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	gamma-Chlordane	n/a	=	0.46	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	gamma-Chlordane	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	gamma-Chlordane	n/a	=	0.466	µg/L	EPA 625.1	0.0007	0.002			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	gamma-Chlordane	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	gamma-Chlordane	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	000NONPJ	matrix spike	2/15/2024	Pesticide	Glyphosate	n/a	=	44.9	µg/L	EPA 547	2.1	5			
2023/24-4	000NONPJ	matrix spike, rec	2/15/2024	Pesticide	Glyphosate	n/a	=	89.8	%	EPA 547	-88	-88	86	110	
2023/24-4	000NONPJ	matrix spike	2/15/2024	Pesticide	Glyphosate	n/a	=	45.5	µg/L	EPA 547	2.1	5			
2023/24-4	000NONPJ	matrix spike, rec	2/15/2024	Pesticide	Glyphosate	n/a	=	91	%	EPA 547	-88	-88	86	110	
2023/24-4	Lab	method blank	2/13/2024	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-4	Lab	LCS	2/13/2024	Pesticide	Glyphosate	n/a	=	44.6	µg/L	EPA 547	2.1	5			
2023/24-4	Lab	LCS, rec	2/13/2024	Pesticide	Glyphosate	n/a	=	89.2	%	EPA 547	-88	-88	86	110	
2023/24-4	Lab	LCS dup	2/14/2024	Pesticide	Glyphosate	n/a	=	43.95	µg/L	EPA 547	2.1	5			
2023/24-4	Lab	LCS dup, rec	2/14/2024	Pesticide	Glyphosate	n/a	=	87	%	EPA 547	-88	-88	86	110	
2023/24-4	Lab	LCS, RPD	2/14/2024	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Heptachlor	n/a	=	0.319	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Heptachlor	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Heptachlor	n/a	=	0.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Heptachlor	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Heptachlor	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Heptachlor epoxide	n/a	=	0.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Heptachlor epoxide	n/a	=	0.386	µg/L	EPA 625.1	0.001	0.005			

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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	
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Heptachlor epoxide	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Malathion	n/a	=	0.313	µg/L	EPA 625.1	0.0025	0.005			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Malathion	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Malathion	n/a	=	0.336	µg/L	EPA 625.1	0.0025	0.005			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Malathion	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Malathion	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Pentachlorophenol	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Pentachlorophenol	n/a	=	1.07	µg/L	EPA 625.1	0.05	0.1			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Prometryn	n/a	=	0.515	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Prometryn	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Prometryn	n/a	=	0.532	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Prometryn	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Prometryn	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/18/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS	3/18/2024	Pesticide	Simazine	n/a	=	0.532	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS, rec	3/18/2024	Pesticide	Simazine	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/18/2024	Pesticide	Simazine	n/a	=	0.556	µg/L	EPA 625.1	0.005	0.01			
2023/24-4	Lab	LCS dup, rec	3/18/2024	Pesticide	Simazine	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/18/2024	Pesticide	Simazine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-4	Lab	method blank	3/15/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-4	Lab	LCS	3/15/2024	Pesticide	Toxaphene	n/a	=	5.65	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-4	Lab	LCS, rec	3/15/2024	Pesticide	Toxaphene	n/a	=	113	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-4	Lab	LCS dup	3/15/2024	Pesticide	Toxaphene	n/a	=	6.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-4	Lab	LCS dup, rec	3/15/2024	Pesticide	Toxaphene	n/a	=	120	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-4	Lab	LCS, RPD	3/15/2024	Pesticide	Toxaphene	n/a	=	6	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-5	Lab	LCS	4/2/2024	Anion	Chloride	n/a	=	4.57	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	Lab	LCS dup	4/2/2024	Anion	Chloride	n/a	=	4.59	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	4/2/2024	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	70	130	
2023/24-5	Lab	LCS, rec	4/2/2024	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	70	130	
2023/24-5	Lab	LCS, RPD	4/2/2024	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-5	Lab	method blank	4/2/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	lab duplicate	4/2/2024	Anion	Chloride	n/a	=	29.8	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-5	ME-VR2	matrix spike	4/2/2024	Anion	Chloride	n/a	=	50.2	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup	4/2/2024	Anion	Chloride	n/a	=	49.3	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup, rec	4/2/2024	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	70	130	
2023/24-5	ME-VR2	matrix spike, rec	4/2/2024	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	70	130	
2023/24-5	ME-VR2	matrix spike, RPD	4/2/2024	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-5	Lab	LCS	4/2/2024	Anion	Fluoride	n/a	=	1.86	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	Lab	LCS dup	4/2/2024	Anion	Fluoride	n/a	=	1.86	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	4/2/2024	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	80	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	
2023/24-5	Lab	LCS, rec	4/2/2024	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/2/2024	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-5	Lab	method blank	4/2/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	lab duplicate	4/2/2024	Anion	Fluoride	n/a	=	0.339	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-5	ME-VR2	matrix spike	4/2/2024	Anion	Fluoride	n/a	=	1.763	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup	4/2/2024	Anion	Fluoride	n/a	=	1.713	mg/L	EPA 300.0	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup, rec	4/2/2024	Anion	Fluoride	n/a	=	86	%	EPA 300.0	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/2/2024	Anion	Fluoride	n/a	=	88	%	EPA 300.0	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/2/2024	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-5	000NONPJ	matrix spike	4/1/2024	Anion	Perchlorate	Total	=	46.95	µg/L	EPA 314.0	0.36	4			
2023/24-5	000NONPJ	matrix spike, rec	4/1/2024	Anion	Perchlorate	Total	=	94	%	EPA 314.0	-88	-88	80	120	
2023/24-5	000NONPJ	matrix spike dup	4/1/2024	Anion	Perchlorate	Total	=	48.4	µg/L	EPA 314.0	0.36	4			
2023/24-5	000NONPJ	matrix spike dup, rec	4/1/2024	Anion	Perchlorate	Total	=	97	%	EPA 314.0	-88	-88	80	120	
2023/24-5	000NONPJ	matrix spike, RPD	4/1/2024	Anion	Perchlorate	Total	=	2	%	EPA 314.0	-88	-88	0	15	
2023/24-5	Lab	method blank	4/1/2024	Anion	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4			
2023/24-5	Lab	LCS	4/1/2024	Anion	Perchlorate	Total	=	47.61	µg/L	EPA 314.0	0.36	4			
2023/24-5	Lab	LCS, rec	4/1/2024	Anion	Perchlorate	Total	=	95	%	EPA 314.0	-88	-88	85	115	
2023/24-5	Lab	LCS	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	96	mg/L	SM 2320 B	1	1			
2023/24-5	Lab	LCS dup	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	mg/L	SM 2320 B	1	1			
2023/24-5	Lab	LCS dup, rec	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	%	SM 2320 B	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/8/2024	Conventional	Alkalinity as CaCO3	n/a	=	295	mg/L	SM 2320 B	1	1		15	
2023/24-5	000NONPJ	lab duplicate	4/6/2024	Conventional	BOD	n/a	=	382	mg/L	SM 5210 B	-88	3		20	
2023/24-5	Lab	LCS	4/6/2024	Conventional	BOD	n/a	=	208	mg/L	SM 5210 B	-88	3			
2023/24-5	Lab	LCS, rec	4/6/2024	Conventional	BOD	n/a	=	105	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-5	Lab	method blank	4/6/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-5	000NONPJ	matrix spike	4/1/2024	Conventional	COD	n/a	=	1010	mg/L	SM 5220 D	1.6	4			
2023/24-5	000NONPJ	matrix spike dup	4/1/2024	Conventional	COD	n/a	=	1012	mg/L	SM 5220 D	1.6	4			
2023/24-5	000NONPJ	matrix spike dup, rec	4/1/2024	Conventional	COD	n/a	=	101	%	SM 5220 D	-88	-88	77	120	
2023/24-5	000NONPJ	matrix spike, rec	4/1/2024	Conventional	COD	n/a	=	101	%	SM 5220 D	-88	-88	77	120	
2023/24-5	000NONPJ	matrix spike, RPD	4/1/2024	Conventional	COD	n/a	=	0	%	SM 5220 D	-88	-88	0	20	
2023/24-5	Lab	LCS	4/1/2024	Conventional	COD	n/a	=	996	mg/L	SM 5220 D	1.6	4			
2023/24-5	Lab	LCS, rec	4/1/2024	Conventional	COD	n/a	=	100	%	SM 5220 D	-88	-88	90	110	
2023/24-5	Lab	method blank	4/1/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-5	ME-VR2	lab duplicate	4/23/2024	Conventional	Hardness as CaCO3	Total	=	671	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-5	Lab	LCS	4/1/2024	Conventional	MBAS	n/a	=	0.0898	mg/L	SM 5540 C	0.02	0.05			
2023/24-5	Lab	LCS dup	4/1/2024	Conventional	MBAS	n/a	=	0.0959	mg/L	SM 5540 C	0.02	0.05			
2023/24-5	Lab	LCS dup, rec	4/1/2024	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	70	130	
2023/24-5	Lab	LCS, rec	4/1/2024	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	70	130	
2023/24-5	Lab	LCS, RPD	4/1/2024	Conventional	MBAS	n/a	=	6	%	SM 5540 C	-88	-88	0	25	
2023/24-5	Lab	method blank	4/1/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-5	ME-VR2	lab duplicate	4/1/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-5	ME-VR2	matrix spike	4/1/2024	Conventional	MBAS	n/a	=	4.65	mg/L	SM 5540 C	0.02	0.05			
2023/24-5	ME-VR2	matrix spike dup	4/1/2024	Conventional	MBAS	n/a	=	4.53	mg/L	SM 5540 C	0.02	0.05			
2023/24-5	ME-VR2	matrix spike dup, rec	4/1/2024	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	70	130	
2023/24-5	ME-VR2	matrix spike, rec	4/1/2024	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-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	
2023/24-5	ME-VR2	matrix spike, RPD	4/1/2024	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	25	
2023/24-5	Lab	LCS	4/11/2024	Conventional	Specific Conductance	n/a	=	21500	µmhos/cm	SM 2510 B	1	1			
2023/24-5	Lab	LCS dup	4/11/2024	Conventional	Specific Conductance	n/a	=	21300	µmhos/cm	SM 2510 B	1	1			
2023/24-5	Lab	LCS dup, rec	4/11/2024	Conventional	Specific Conductance	n/a	=	107	%	SM 2510 B	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/11/2024	Conventional	Specific Conductance	n/a	=	108	%	SM 2510 B	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/11/2024	Conventional	Specific Conductance	n/a	=	1	%	SM 2510 B	-88	-88	0	25	
2023/24-5	Lab	method blank	4/11/2024	Conventional	Specific Conductance	n/a	<	1	µmhos/cm	SM 2510 B	1	1			
2023/24-5	ME-VR2	lab duplicate	4/11/2024	Conventional	Specific Conductance	n/a	=	856	µmhos/cm	SM 2510 B	1	1		25	
2023/24-5	Lab	LCS	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	1010	mg/L	SM 2540 C	6.3	10			
2023/24-5	Lab	LCS dup	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	1020	mg/L	SM 2540 C	6.3	10			
2023/24-5	Lab	LCS dup, rec	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	1	%	SM 2540 C	-88	-88	0	25	
2023/24-5	Lab	method blank	4/1/2024	Conventional	Total Dissolved Solids	n/a	<	6.3	mg/L	SM 2540 C	6.3	10			
2023/24-5	ME-VR2	lab duplicate	4/1/2024	Conventional	Total Dissolved Solids	n/a	=	690	mg/L	SM 2540 C	6.3	10		10	
2023/24-5	Lab	LCS	4/2/2024	Conventional	Total Organic Carbon	n/a	=	10.6	mg/L	SM 5310 B	0.2	0.44			
2023/24-5	Lab	LCS dup	4/2/2024	Conventional	Total Organic Carbon	n/a	=	10.8	mg/L	SM 5310 B	0.2	0.44			
2023/24-5	Lab	LCS dup, rec	4/2/2024	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/2/2024	Conventional	Total Organic Carbon	n/a	=	106	%	SM 5310 B	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/2/2024	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	25	
2023/24-5	Lab	method blank	4/2/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-5	ME-VR2	lab duplicate	4/2/2024	Conventional	Total Organic Carbon	n/a	=	7.02	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-5	ME-VR2	matrix spike	4/2/2024	Conventional	Total Organic Carbon	n/a	=	10.13	mg/L	SM 5310 B	0.2	0.44			
2023/24-5	ME-VR2	matrix spike dup	4/2/2024	Conventional	Total Organic Carbon	n/a	=	9.83	mg/L	SM 5310 B	0.2	0.44			
2023/24-5	ME-VR2	matrix spike dup, rec	4/2/2024	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/2/2024	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 B	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/2/2024	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	25	
2023/24-5	Lab	LCS	4/2/2024	Conventional	Total Suspended Solids	n/a	=	102	mg/L	SM 2540 D	0.5	0.5			
2023/24-5	Lab	LCS dup	4/2/2024	Conventional	Total Suspended Solids	n/a	=	99.4	mg/L	SM 2540 D	0.5	0.5			
2023/24-5	Lab	LCS dup, rec	4/2/2024	Conventional	Total Suspended Solids	n/a	=	99	%	SM 2540 D	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/2/2024	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/2/2024	Conventional	Total Suspended Solids	n/a	=	3	%	SM 2540 D	-88	-88	0	25	
2023/24-5	Lab	method blank	4/2/2024	Conventional	Total Suspended Solids	n/a	<	0.5	mg/L	SM 2540 D	0.5	0.5			
2023/24-5	Lab	method blank	4/1/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-5	ME-VR2	lab duplicate	4/1/2024	Conventional	Turbidity	n/a	=	509	NTU	EPA 180.1	0.02	0.02		10	
2023/24-5	Lab	method blank	4/2/2024	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-5	000NONPJ	srgt matrix spike	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0244	mg/L	EPA 8015B	-88	-88			
2023/24-5	000NONPJ	srgt matrix spike dup	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0188	mg/L	EPA 8015B	-88	-88			
2023/24-5	000NONPJ	srgt matrix spike dup, rec	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	98	%	EPA 8015B	-88	-88	35	130	
2023/24-5	000NONPJ	srgt matrix spike, rec	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	127	%	EPA 8015B	-88	-88	35	130	
2023/24-5	Lab	srgt LCS	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0278	mg/L	EPA 8015B	-88	-88			GN
2023/24-5	Lab	srgt LCS dup	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0275	mg/L	EPA 8015B	-88	-88			GN
2023/24-5	Lab	srgt LCS dup, rec	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	137	%	EPA 8015B	-88	-88	35	130	GN
2023/24-5	Lab	srgt LCS, rec	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	139	%	EPA 8015B	-88	-88	35	130	GN
2023/24-5	Lab	srgt method blank	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0197	mg/L	EPA 8015B	-88	-88			
2023/24-5	Lab	srgt method blank, rec	4/7/2024	Hydrocarbon	n-Triacontane	n/a	=	99	%	EPA 8015B	-88	-88	35	130	
2023/24-5	ME-VR2	srgt environ	4/5/2024	Hydrocarbon	n-Triacontane	n/a	=	0.0217	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	
2023/24-5	ME-VR2	srgt environ, rec	4/5/2024	Hydrocarbon	n-Triacontane	n/a	=	115	%	EPA 8015B	-88	-88	35	130	
2023/24-5	000NONPJ	matrix spike	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	1.065	mg/L	EPA 8015B	0.07	0.0962			
2023/24-5	000NONPJ	matrix spike dup	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.819	mg/L	EPA 8015B	0.07	0.0962			
2023/24-5	000NONPJ	matrix spike dup, rec	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	85	%	EPA 8015B	-88	-88	32	130	
2023/24-5	000NONPJ	matrix spike, rec	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	111	%	EPA 8015B	-88	-88	32	130	
2023/24-5	000NONPJ	matrix spike, RPD	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	26	%	EPA 8015B	-88	-88	0	46	
2023/24-5	Lab	LCS	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	1.01	mg/L	EPA 8015B	0.073	0.1			
2023/24-5	Lab	LCS dup	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.8463	mg/L	EPA 8015B	0.073	0.1			
2023/24-5	Lab	LCS dup, rec	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	85	%	EPA 8015B	-88	-88	42	120	
2023/24-5	Lab	LCS, rec	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	101	%	EPA 8015B	-88	-88	42	120	
2023/24-5	Lab	LCS, RPD	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	18	%	EPA 8015B	-88	-88	0	36	
2023/24-5	Lab	method blank	4/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.073	mg/L	EPA 8015B	0.073	0.1			
2023/24-5	Lab	method blank	4/7/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.073	mg/L	EPA 8015B	0.073	0.3			
2023/24-5	Lab	method blank	4/7/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.073	mg/L	EPA 8015B	0.073	0.3			
2023/24-5	Lab	method blank	4/17/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-5	Lab	LCS	4/17/2024	Metal	Aluminum	Dissolved	=	962	µg/L	EPA 200.8	1.65	8.25			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Aluminum	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Aluminum	Dissolved	=	843	µg/L	EPA 200.8	1.65	8.25			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Aluminum	Dissolved	=	84	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Aluminum	Dissolved	=	13	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Aluminum	Dissolved	=	83.2	µg/L	EPA 200.8	1.65	8.25			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Aluminum	Dissolved	=	83	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Aluminum	Dissolved	=	82.6	µg/L	EPA 200.8	1.65	8.25			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Aluminum	Dissolved	=	83	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Aluminum	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Aluminum	Total	=	5360	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-5	Lab	LCS	4/17/2024	Metal	Antimony	Dissolved	=	1010	µg/L	EPA 200.8	0.03	0.15			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Antimony	Dissolved	=	989	µg/L	EPA 200.8	0.03	0.15			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Antimony	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.03	0.15		25	SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Antimony	Dissolved	=	85.68	µg/L	EPA 200.8	0.03	0.15			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Antimony	Dissolved	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Antimony	Dissolved	=	93.58	µg/L	EPA 200.8	0.03	0.15			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Antimony	Dissolved	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Antimony	Total	DNQ	0.139	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-5	Lab	LCS	4/17/2024	Metal	Arsenic	Dissolved	=	1010	µg/L	EPA 200.8	0.05	0.159			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Arsenic	Dissolved	=	1010	µg/L	EPA 200.8	0.05	0.159			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Arsenic	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Arsenic	Dissolved	=	0.43	µg/L	EPA 200.8	0.05	0.159		25	SLM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Arsenic	Dissolved	=	86.335	µg/L	EPA 200.8	0.05	0.159			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Arsenic	Dissolved	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Arsenic	Dissolved	=	93.535	µg/L	EPA 200.8	0.05	0.159			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Arsenic	Dissolved	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Arsenic	Total	=	4.42	µg/L	EPA 200.8	0.05	0.159		25	CE,IL
2023/24-5	Lab	method blank	4/17/2024	Metal	Barium	Dissolved	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-5	Lab	LCS	4/17/2024	Metal	Barium	Dissolved	=	1020	µg/L	EPA 200.8	0.25	0.5			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Barium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Barium	Dissolved	=	997	µg/L	EPA 200.8	0.25	0.5			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Barium	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Barium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Barium	Dissolved	=	41.1	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Barium	Dissolved	=	74.1	µg/L	EPA 200.8	0.25	0.5			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Barium	Dissolved	=	120	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Barium	Dissolved	=	68.1	µg/L	EPA 200.8	0.25	0.5			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Barium	Dissolved	=	114	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Barium	Dissolved	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Barium	Total	=	160	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-5	Lab	LCS	4/17/2024	Metal	Beryllium	Dissolved	=	925	µg/L	EPA 200.8	0.01	0.031			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Beryllium	Dissolved	=	927	µg/L	EPA 200.8	0.01	0.031			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Beryllium	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Beryllium	Dissolved	=	87	µg/L	EPA 200.8	0.01	0.031			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Beryllium	Dissolved	=	87	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Beryllium	Dissolved	=	81.5	µg/L	EPA 200.8	0.01	0.031			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Beryllium	Dissolved	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Beryllium	Dissolved	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Beryllium	Total	=	1.22	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-5	Lab	LCS	4/17/2024	Metal	Cadmium	Dissolved	=	962	µg/L	EPA 200.8	0.007	0.023			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Cadmium	Dissolved	=	984	µg/L	EPA 200.8	0.007	0.023			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Cadmium	Dissolved	=	0.037	µg/L	EPA 200.8	0.007	0.023		25	SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Cadmium	Dissolved	=	81.056	µg/L	EPA 200.8	0.007	0.023			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Cadmium	Dissolved	=	81	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Cadmium	Dissolved	=	88.356	µg/L	EPA 200.8	0.007	0.023			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Cadmium	Dissolved	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Cadmium	Dissolved	=	8	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Cadmium	Total	=	3.3	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	Lab	LCS	4/17/2024	Metal	Chromium	Dissolved	=	965	µg/L	EPA 200.8	0.01	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	
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Chromium	Dissolved	=	987	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Chromium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Chromium	Dissolved	=	0.225	µg/L	EPA 200.8	0.01	0.05		25	SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Chromium	Dissolved	=	86.786	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Chromium	Dissolved	=	87	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Chromium	Dissolved	=	82.186	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Chromium	Dissolved	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Chromium	Dissolved	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Chromium	Total	=	9.3	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-5	000NONPJ	matrix spike	4/5/2024	Metal	Chromium VI	n/a	=	46.74	µg/L	EPA 218.6	0.74	1			
2023/24-5	000NONPJ	matrix spike dup	4/5/2024	Metal	Chromium VI	n/a	=	46.57	µg/L	EPA 218.6	0.74	1			
2023/24-5	000NONPJ	matrix spike dup, rec	4/5/2024	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-5	000NONPJ	matrix spike, rec	4/5/2024	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-5	000NONPJ	matrix spike, RPD	4/5/2024	Metal	Chromium VI	n/a	=	0	%	EPA 218.6	-88	-88	0	20	
2023/24-5	Lab	LCS	4/5/2024	Metal	Chromium VI	n/a	=	48.18	µg/L	EPA 218.6	0.74	1			
2023/24-5	Lab	LCS, rec	4/5/2024	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	90	110	
2023/24-5	Lab	method blank	4/5/2024	Metal	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1			
2023/24-5	Lab	method blank	4/17/2024	Metal	Copper	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-5	Lab	LCS	4/17/2024	Metal	Copper	Dissolved	=	970	µg/L	EPA 200.8	0.007	0.022			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Copper	Dissolved	=	998	µg/L	EPA 200.8	0.007	0.022			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Copper	Dissolved	=	1.93	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Copper	Dissolved	=	83.07	µg/L	EPA 200.8	0.007	0.022			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Copper	Dissolved	=	85	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Copper	Dissolved	=	78.47	µg/L	EPA 200.8	0.007	0.022			PMQO
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Copper	Dissolved	=	78	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Copper	Dissolved	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Copper	Total	=	21.4	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-5	Lab	LCS	4/17/2024	Metal	Iron	Dissolved	=	945	µg/L	EPA 200.8	1.13	5.65			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Iron	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Iron	Dissolved	=	985	µg/L	EPA 200.8	1.13	5.65			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Iron	Dissolved	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Iron	Dissolved	DNQ	4.86	µg/L	EPA 200.8	1.13	5.65		25	SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Iron	Dissolved	=	77.77	µg/L	EPA 200.8	1.13	5.65			PMQO
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Iron	Dissolved	=	78	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Iron	Dissolved	=	78.17	µg/L	EPA 200.8	1.13	5.65			PMQO
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Iron	Dissolved	=	78	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Iron	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Iron	Total	=	5570	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-5	Lab	LCS	4/17/2024	Metal	Lead	Dissolved	=	996	µg/L	EPA 200.8	0.007	0.021			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Lead	Dissolved	=	1000	µg/L	EPA 200.8	0.007	0.021			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Lead	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Lead	Dissolved	=	0.082	µg/L	EPA 200.8	0.007	0.021		25	CE,IL,SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Lead	Dissolved	=	85.881	µg/L	EPA 200.8	0.007	0.021			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Lead	Dissolved	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Lead	Dissolved	=	82.781	µg/L	EPA 200.8	0.007	0.021			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Lead	Dissolved	=	83	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Lead	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Lead	Total	=	7.3	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-5	ME-VR2	lab duplicate	4/24/2024	Metal	Mercury	Dissolved	=	17	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-5	ME-VR2	matrix spike	4/24/2024	Metal	Mercury	Dissolved	=	19.1	ng/L	EPA 1631E	0.04	0.2			
2023/24-5	ME-VR2	matrix spike dup	4/24/2024	Metal	Mercury	Dissolved	=	18.7	ng/L	EPA 1631E	0.04	0.2			
2023/24-5	ME-VR2	matrix spike dup, rec	4/24/2024	Metal	Mercury	Dissolved	=	94	%	EPA 1631E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/24/2024	Metal	Mercury	Dissolved	=	95	%	EPA 1631E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/24/2024	Metal	Mercury	Dissolved	=	6	%	EPA 1631E	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/24/2024	Metal	Mercury	Total	=	116	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-5	ME-VR2	matrix spike	4/24/2024	Metal	Mercury	Total	=	20	ng/L	EPA 1631E	0.04	0.2			
2023/24-5	ME-VR2	matrix spike dup	4/24/2024	Metal	Mercury	Total	=	17	ng/L	EPA 1631E	0.04	0.2			
2023/24-5	ME-VR2	matrix spike dup, rec	4/24/2024	Metal	Mercury	Total	=	85	%	EPA 1631E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/24/2024	Metal	Mercury	Total	=	100	%	EPA 1631E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/24/2024	Metal	Mercury	Total	=	16	%	EPA 1631E	-88	-88	0	25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Nickel	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-5	Lab	LCS	4/17/2024	Metal	Nickel	Dissolved	=	978	µg/L	EPA 200.8	0.013	0.042			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Nickel	Dissolved	=	997	µg/L	EPA 200.8	0.013	0.042			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Nickel	Dissolved	=	2.79	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Nickel	Dissolved	=	74.15	µg/L	EPA 200.8	0.013	0.042			PMQO
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Nickel	Dissolved	=	74	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Nickel	Dissolved	=	80.15	µg/L	EPA 200.8	0.013	0.042			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Nickel	Dissolved	=	80	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Nickel	Dissolved	=	8	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Nickel	Total	=	69.5	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Selenium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-5	Lab	LCS	4/17/2024	Metal	Selenium	Dissolved	=	963	µg/L	EPA 200.8	0.021	0.068			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Selenium	Dissolved	=	1040	µg/L	EPA 200.8	0.021	0.068			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Selenium	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Selenium	Dissolved	=	8	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Selenium	Dissolved	=	1.98	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Selenium	Dissolved	=	81.77	µg/L	EPA 200.8	0.021	0.068			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Selenium	Dissolved	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Selenium	Dissolved	=	89.87	µg/L	EPA 200.8	0.021	0.068			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Selenium	Dissolved	=	90	%	EPA 200.8	-88	-88	80	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	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Selenium	Dissolved	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Selenium	Total	=	1.91	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-5	Lab	LCS	4/17/2024	Metal	Silver	Dissolved	=	80	µg/L	EPA 200.8	0.01	0.02			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Silver	Dissolved	=	80	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Silver	Dissolved	=	99	µg/L	EPA 200.8	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Silver	Dissolved	=	21	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Silver	Dissolved	=	0.109	µg/L	EPA 200.8	0.01	0.02		25	SLM
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Silver	Dissolved	=	8.342	µg/L	EPA 200.8	0.01	0.02			
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Silver	Dissolved	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Silver	Dissolved	=	7.892	µg/L	EPA 200.8	0.01	0.02			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Silver	Dissolved	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Silver	Dissolved	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Silver	Total	=	0.113	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	Lab	LCS	4/17/2024	Metal	Thallium	Dissolved	=	973	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Thallium	Dissolved	=	980	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Thallium	Dissolved	=	74.5	µg/L	EPA 200.8	0.01	0.05			PMQO
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Thallium	Dissolved	=	75	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Thallium	Dissolved	=	81.9	µg/L	EPA 200.8	0.01	0.05			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Thallium	Dissolved	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Thallium	Dissolved	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Thallium	Total	=	0.071	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-5	Lab	method blank	4/17/2024	Metal	Zinc	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-5	Lab	LCS	4/17/2024	Metal	Zinc	Dissolved	=	983	µg/L	EPA 200.8	0.022	0.069			
2023/24-5	Lab	LCS, rec	4/17/2024	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS dup	4/17/2024	Metal	Zinc	Dissolved	=	1010	µg/L	EPA 200.8	0.022	0.069			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/17/2024	Metal	Zinc	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Zinc	Dissolved	=	2.74	µg/L	EPA 200.8	0.022	0.069		25	CE,IL
2023/24-5	ME-VR2	matrix spike	4/18/2024	Metal	Zinc	Dissolved	=	78.18	µg/L	EPA 200.8	0.022	0.069			PMQO
2023/24-5	ME-VR2	matrix spike, rec	4/18/2024	Metal	Zinc	Dissolved	=	78	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-5	ME-VR2	matrix spike dup	4/18/2024	Metal	Zinc	Dissolved	=	80.58	µg/L	EPA 200.8	0.022	0.069			
2023/24-5	ME-VR2	matrix spike dup, rec	4/18/2024	Metal	Zinc	Dissolved	=	81	%	EPA 200.8	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/18/2024	Metal	Zinc	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-5	ME-VR2	lab duplicate	4/18/2024	Metal	Zinc	Total	=	74	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-5	Lab	LCS	4/3/2024	Nutrient	Ammonia as N	n/a	=	0.107	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-5	Lab	LCS dup	4/3/2024	Nutrient	Ammonia as N	n/a	=	0.096	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-5	Lab	LCS dup, rec	4/3/2024	Nutrient	Ammonia as N	n/a	=	96	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/3/2024	Nutrient	Ammonia as N	n/a	=	107	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/3/2024	Nutrient	Ammonia as N	n/a	=	11	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-5	Lab	method blank	4/3/2024	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	ME-VR2	lab duplicate	4/3/2024	Nutrient	Ammonia as N	n/a	=	0.168	mg/L	SM 4500-NH3 D	0.007	0.03		15	
2023/24-5	ME-VR2	matrix spike	4/3/2024	Nutrient	Ammonia as N	n/a	=	0.258	mg/L	SM 4500-NH3 D	0.007	0.03			GB,SH
2023/24-5	ME-VR2	matrix spike dup	4/3/2024	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	SM 4500-NH3 D	0.007	0.03			GB,SH
2023/24-5	ME-VR2	matrix spike dup, rec	4/3/2024	Nutrient	Ammonia as N	n/a	=	254	%	SM 4500-NH3 D	-88	-88	80	120	GB,SH
2023/24-5	ME-VR2	matrix spike, rec	4/3/2024	Nutrient	Ammonia as N	n/a	=	258	%	SM 4500-NH3 D	-88	-88	80	120	GB,SH
2023/24-5	ME-VR2	matrix spike, RPD	4/3/2024	Nutrient	Ammonia as N	n/a	=	2	%	SM 4500-NH3 D	-88	-88	0	25	GB,SH
2023/24-5	Lab	LCS	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.924	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-5	Lab	LCS dup	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.974	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	5	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-5	Lab	method blank	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-5	ME-VR2	lab duplicate	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.873	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-5	ME-VR2	matrix spike	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.803	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-5	ME-VR2	matrix spike dup	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	0.893	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-5	ME-VR2	matrix spike dup, rec	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	89	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	80	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/1/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	11	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-5	Lab	LCS	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	0.31	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	Lab	LCS dup	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	0.28	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	Lab	LCS dup, rec	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	93	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	103	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	10	%	SM 4500-P E	-88	-88	0	25	
2023/24-5	Lab	method blank	4/24/2024	Nutrient	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	ME-VR2	matrix spike	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	0.316	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	ME-VR2	matrix spike dup	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	0.246	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	ME-VR2	matrix spike dup, rec	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	82	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	105	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/24/2024	Nutrient	Phosphorus as P	Dissolved	=	25	%	SM 4500-P E	-88	-88	0	25	
2023/24-5	Lab	LCS	4/5/2024	Nutrient	Phosphorus as P	Total	=	0.34	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	Lab	LCS dup	4/5/2024	Nutrient	Phosphorus as P	Total	=	0.351	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	Lab	LCS dup, rec	4/5/2024	Nutrient	Phosphorus as P	Total	=	117	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/5/2024	Nutrient	Phosphorus as P	Total	=	113	%	SM 4500-P E	-88	-88	80	120	
2023/24-5	Lab	LCS, RPD	4/5/2024	Nutrient	Phosphorus as P	Total	=	3	%	SM 4500-P E	-88	-88	0	25	
2023/24-5	Lab	method blank	4/5/2024	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-5	ME-VR2	lab duplicate	4/5/2024	Nutrient	Phosphorus as P	Total	=	5.49	mg/L	SM 4500-P E	0.016	0.02		20	
2023/24-5	ME-VR2	matrix spike	4/5/2024	Nutrient	Phosphorus as P	Total	=	0.378	mg/L	SM 4500-P E	0.016	0.02			GB
2023/24-5	ME-VR2	matrix spike dup	4/5/2024	Nutrient	Phosphorus as P	Total	=	0.393	mg/L	SM 4500-P E	0.016	0.02			GB
2023/24-5	ME-VR2	matrix spike dup, rec	4/5/2024	Nutrient	Phosphorus as P	Total	=	131	%	SM 4500-P E	-88	-88	80	120	GB
2023/24-5	ME-VR2	matrix spike, rec	4/5/2024	Nutrient	Phosphorus as P	Total	=	126	%	SM 4500-P E	-88	-88	80	120	GB
2023/24-5	ME-VR2	matrix spike, RPD	4/5/2024	Nutrient	Phosphorus as P	Total	=	4	%	SM 4500-P E	-88	-88	0	25	
2023/24-5	Lab	CRM	4/17/2024	Nutrient	TKN	n/a	=	10.1	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	Lab	CRM, rec	4/17/2024	Nutrient	TKN	n/a	=	81	%	EPA 351.2	-88	-88	80	120	
2023/24-5	Lab	LCS	4/17/2024	Nutrient	TKN	n/a	=	2.47	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	Lab	LCS dup	4/17/2024	Nutrient	TKN	n/a	=	2.28	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	Lab	LCS dup, rec	4/17/2024	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	80	120	
2023/24-5	Lab	LCS, rec	4/17/2024	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	80	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	
2023/24-5	Lab	LCS, RPD	4/17/2024	Nutrient	TKN	n/a	=	8	%	EPA 351.2	-88	-88	0	25	
2023/24-5	Lab	method blank	4/17/2024	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	ME-VR2	lab duplicate	4/17/2024	Nutrient	TKN	n/a	=	4.88	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-5	ME-VR2	matrix spike	4/17/2024	Nutrient	TKN	n/a	=	4.62	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	ME-VR2	matrix spike dup	4/17/2024	Nutrient	TKN	n/a	=	4.7	mg/L	EPA 351.2	0.13	0.4			
2023/24-5	ME-VR2	matrix spike dup, rec	4/17/2024	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, rec	4/17/2024	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	80	120	
2023/24-5	ME-VR2	matrix spike, RPD	4/17/2024	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.782	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.862	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.887	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.837	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.906	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.868	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.825	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.796	µg/L	EPA 625.1	0.01	0.05			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	000NONPJ	srgt matrix spike	4/4/2024	Organic	2,3-D	n/a	=	4.73	µg/L	EPA 615	-88	-88			
2023/24-5	000NONPJ	srgt matrix spike, rec	4/4/2024	Organic	2,3-D	n/a	=	94.6	%	EPA 615	-88	-88	53	168	
2023/24-5	Lab	srgt method blank	4/4/2024	Organic	2,3-D	n/a	=	5.2	µg/L	EPA 615	-88	-88			
2023/24-5	Lab	srgt method blank, rec	4/4/2024	Organic	2,3-D	n/a	=	104	%	EPA 615	-88	-88	53	168	
2023/24-5	Lab	srgt LCS	4/4/2024	Organic	2,3-D	n/a	=	5.05	µg/L	EPA 615	-88	-88			
2023/24-5	Lab	srgt LCS, rec	4/4/2024	Organic	2,3-D	n/a	=	101	%	EPA 615	-88	-88	53	168	
2023/24-5	Lab	srgt LCS dup	4/4/2024	Organic	2,3-D	n/a	=	5.35	µg/L	EPA 615	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	4/4/2024	Organic	2,3-D	n/a	=	107	%	EPA 615	-88	-88	53	168	
2023/24-5	ME-VR2	srgt environ	4/5/2024	Organic	2,3-D	n/a	=	4.09	µg/L	EPA 615	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	4/5/2024	Organic	2,3-D	n/a	=	81.8	%	EPA 615	-88	-88	52.7	168	
2023/24-5	Lab	srgt method blank	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	30	130	
2023/24-5	Lab	srgt LCS	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	30	130	
2023/24-5	Lab	srgt LCS dup	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.072	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	
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	30	130	
2023/24-5	ME-VR2	srgt environ	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	30	130	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.942	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.943	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,4-Dichlorophenol	n/a	=	0.879	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,4-Dichlorophenol	n/a	=	1.01	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,4-Dichlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,4-Dimethylphenol	n/a	=	0.727	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,4-Dimethylphenol	n/a	=	0.79	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,4-Dimethylphenol	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,4-Dinitrophenol	n/a	=	0.993	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,4-Dinitrophenol	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,4-Dinitrophenol	n/a	=	1.02	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,4-Dinitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.03	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.1	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.13	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	=	1.17	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2-Chloronaphthalene	n/a	=	0.868	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2-Chloronaphthalene	n/a	=	0.868	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2-Chloronaphthalene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	2-Chlorophenol	n/a	=	0.95	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2-Chlorophenol	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2-Chlorophenol	n/a	=	0.925	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2-Chlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	2-Nitrophenol	n/a	=	0.897	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	2-Nitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	2-Nitrophenol	n/a	=	1.09	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	2-Nitrophenol	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	2-Nitrophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.1	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	1.14	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.05	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.14	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1.1	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.964	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.976	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	4-Nitrophenol	n/a	=	0.901	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	4-Nitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	4-Nitrophenol	n/a	=	0.921	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	4-Nitrophenol	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-5	Lab	LCS	5/3/2024	Organic	Acenaphthene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Acenaphthene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Acenaphthene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Acenaphthene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Acenaphthene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srgt method blank	5/3/2024	Organic	Acenaphthene-d10	n/a	=	0.111	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	Organic	Acenaphthene-d10	n/a	=	111	%	EPA 625.1	-88	-88	27	133	
2023/24-5	Lab	srgt LCS	5/3/2024	Organic	Acenaphthene-d10	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	Organic	Acenaphthene-d10	n/a	=	89	%	EPA 625.1	-88	-88	27	133	
2023/24-5	Lab	srgt LCS dup	5/3/2024	Organic	Acenaphthene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	Organic	Acenaphthene-d10	n/a	=	86	%	EPA 625.1	-88	-88	27	133	
2023/24-5	ME-VR2	srgt environ	5/3/2024	Organic	Acenaphthene-d10	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	Organic	Acenaphthene-d10	n/a	=	78	%	EPA 625.1	-88	-88	27	133	
2023/24-5	Lab	method blank	5/3/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Acenaphthylene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Acenaphthylene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Acenaphthylene	n/a	=	1.36	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Acenaphthylene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Acenaphthylene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Anthracene	n/a	=	1.36	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Anthracene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Anthracene	n/a	=	1.37	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Anthracene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Anthracene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benz(a)anthracene	n/a	=	1.3	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benz(a)anthracene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benz(a)anthracene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benzidine	n/a	=	0.453	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benzidine	n/a	=	45	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benzidine	n/a	=	0.446	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benzidine	n/a	=	45	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benzidine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benzo(a)pyrene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benzo(a)pyrene	n/a	=	1.34	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.23	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.34	µg/L	EPA 625.1	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	
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.28	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.32	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.55	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.44	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.904	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.807	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.783	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.925	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.861	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.33	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.33	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	0.0364	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-5	Lab	LCS	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	1.41	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	137	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	1.39	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	135	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Butyl benzyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Chrysene	n/a	=	1.22	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Chrysene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Chrysene	n/a	=	1.21	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Chrysene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Chrysene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srgt method blank	5/3/2024	Organic	Chrysene-d12	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	Organic	Chrysene-d12	n/a	=	107	%	EPA 625.1	-88	-88	52	144	
2023/24-5	Lab	srgt LCS	5/3/2024	Organic	Chrysene-d12	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	Organic	Chrysene-d12	n/a	=	101	%	EPA 625.1	-88	-88	52	144	
2023/24-5	Lab	srgt LCS dup	5/3/2024	Organic	Chrysene-d12	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	Organic	Chrysene-d12	n/a	=	99	%	EPA 625.1	-88	-88	52	144	
2023/24-5	ME-VR2	srgt environ	5/3/2024	Organic	Chrysene-d12	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	Organic	Chrysene-d12	n/a	=	104	%	EPA 625.1	-88	-88	52	144	
2023/24-5	Lab	method blank	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Diethyl phthalate	n/a	=	0.111	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-5	Lab	LCS	5/3/2024	Organic	Diethyl phthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Diethyl phthalate	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Diethyl phthalate	n/a	=	1.09	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS	5/3/2024	Organic	Dimethyl phthalate	n/a	=	1	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Dimethyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Dimethyl phthalate	n/a	=	0.968	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Dimethyl phthalate	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS	5/3/2024	Organic	Di-n-butylphthalate	n/a	=	1.35	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Di-n-butylphthalate	n/a	=	135	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Di-n-butylphthalate	n/a	=	1.27	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Di-n-butylphthalate	n/a	=	127	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS	5/3/2024	Organic	Di-n-octylphthalate	n/a	=	1.44	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Di-n-octylphthalate	n/a	=	144	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Di-n-octylphthalate	n/a	=	1.5	µg/L	EPA 625.1	0.01	0.02			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Di-n-octylphthalate	n/a	=	150	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Di-n-octylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Fluoranthene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Fluoranthene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Fluoranthene	n/a	=	0	%	EPA 625.1	-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	
2023/24-5	Lab	method blank	5/3/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Fluorene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Fluorene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Fluorene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Fluorene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Hexachlorobenzene	n/a	=	1.47	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Hexachlorobenzene	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Hexachlorobenzene	n/a	=	1.36	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Hexachlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Hexachlorobutadiene	n/a	=	0.818	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Hexachlorobutadiene	n/a	=	0.895	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Hexachlorobutadiene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	=	1.03	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	=	1.02	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Hexachloroethane	n/a	=	0.853	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Hexachloroethane	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Hexachloroethane	n/a	=	0.823	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Hexachloroethane	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Hexachloroethane	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Isophorone	n/a	=	0.966	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Isophorone	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Isophorone	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Isophorone	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Isophorone	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Naphthalene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Naphthalene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Naphthalene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Naphthalene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Naphthalene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srgt method blank	5/3/2024	Organic	Naphthalene-d8	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	Organic	Naphthalene-d8	n/a	=	107	%	EPA 625.1	-88	-88	25	125	
2023/24-5	Lab	srgt LCS	5/3/2024	Organic	Naphthalene-d8	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	Organic	Naphthalene-d8	n/a	=	82	%	EPA 625.1	-88	-88	25	125	
2023/24-5	Lab	srgt LCS dup	5/3/2024	Organic	Naphthalene-d8	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	Organic	Naphthalene-d8	n/a	=	91	%	EPA 625.1	-88	-88	25	125	
2023/24-5	ME-VR2	srgt environ	5/3/2024	Organic	Naphthalene-d8	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	Organic	Naphthalene-d8	n/a	=	70	%	EPA 625.1	-88	-88	25	125	
2023/24-5	Lab	method blank	5/3/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	Nitrobenzene	n/a	=	0.96	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Nitrobenzene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Nitrobenzene	n/a	=	1.01	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Nitrobenzene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Nitrobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.766	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.729	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.12	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1.06	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1.08	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srgt method blank	5/3/2024	Organic	Perylene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	Organic	Perylene-d12	n/a	=	102	%	EPA 625.1	-88	-88	36	161	
2023/24-5	Lab	srgt LCS	5/3/2024	Organic	Perylene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	Organic	Perylene-d12	n/a	=	92	%	EPA 625.1	-88	-88	36	161	
2023/24-5	Lab	srgt LCS dup	5/3/2024	Organic	Perylene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	Organic	Perylene-d12	n/a	=	91	%	EPA 625.1	-88	-88	36	161	
2023/24-5	ME-VR2	srgt environ	5/3/2024	Organic	Perylene-d12	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	Organic	Perylene-d12	n/a	=	74	%	EPA 625.1	-88	-88	36	161	
2023/24-5	Lab	method blank	5/3/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Phenanthrene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Phenanthrene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Phenanthrene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Phenanthrene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Phenanthrene	n/a	=	1	%	EPA 625.1	-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	
2023/24-5	Lab	srqt method blank	5/3/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt method blank, rec	5/3/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-5	Lab	srqt LCS	5/3/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS, rec	5/3/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-5	Lab	srqt LCS dup	5/3/2024	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS dup, rec	5/3/2024	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625.1	-88	-88	43	129	
2023/24-5	ME-VR2	srqt environ	5/3/2024	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srqt environ, rec	5/3/2024	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625.1	-88	-88	43	129	
2023/24-5	Lab	method blank	5/3/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS	5/3/2024	Organic	Phenol	n/a	=	0.894	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Phenol	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Phenol	n/a	=	0.852	µg/L	EPA 625.1	0.1	0.2			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Phenol	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Phenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srqt method blank	5/3/2024	Organic	Phenol-d5	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt method blank, rec	5/3/2024	Organic	Phenol-d5	n/a	=	70	%	EPA 625.1	-88	-88	0	130	
2023/24-5	Lab	srqt LCS	5/3/2024	Organic	Phenol-d5	n/a	=	0.059	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS, rec	5/3/2024	Organic	Phenol-d5	n/a	=	59	%	EPA 625.1	-88	-88	0	130	
2023/24-5	Lab	srqt LCS dup	5/3/2024	Organic	Phenol-d5	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS dup, rec	5/3/2024	Organic	Phenol-d5	n/a	=	63	%	EPA 625.1	-88	-88	0	130	
2023/24-5	ME-VR2	srqt environ	5/3/2024	Organic	Phenol-d5	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srqt environ, rec	5/3/2024	Organic	Phenol-d5	n/a	=	79	%	EPA 625.1	-88	-88	0	130	
2023/24-5	Lab	method blank	5/3/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Organic	Pyrene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Organic	Pyrene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Organic	Pyrene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Organic	Pyrene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Organic	Pyrene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	srqt method blank	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt method blank, rec	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 625.1	-88	-88	6	124	
2023/24-5	Lab	srqt LCS	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS, rec	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 625.1	-88	-88	6	124	
2023/24-5	Lab	srqt LCS dup	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS dup, rec	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 625.1	-88	-88	6	124	
2023/24-5	ME-VR2	srqt environ	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srqt environ, rec	5/3/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 625.1	-88	-88	6	124	
2023/24-5	Lab	srqt method blank	5/3/2024	PCB	PCB 030	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt method blank, rec	5/3/2024	PCB	PCB 030	n/a	=	89	%	EPA 625.1	-88	-88	52	124	
2023/24-5	Lab	srqt LCS	5/3/2024	PCB	PCB 030	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS, rec	5/3/2024	PCB	PCB 030	n/a	=	94	%	EPA 625.1	-88	-88	52	124	
2023/24-5	Lab	srqt LCS dup	5/3/2024	PCB	PCB 030	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt LCS dup, rec	5/3/2024	PCB	PCB 030	n/a	=	100	%	EPA 625.1	-88	-88	52	124	
2023/24-5	ME-VR2	srqt environ	5/3/2024	PCB	PCB 030	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srqt environ, rec	5/3/2024	PCB	PCB 030	n/a	=	74	%	EPA 625.1	-88	-88	52	124	
2023/24-5	Lab	srqt method blank	5/3/2024	PCB	PCB 112	n/a	=	0.109	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srqt method blank, rec	5/3/2024	PCB	PCB 112	n/a	=	109	%	EPA 625.1	-88	-88	49	133	
2023/24-5	Lab	srqt LCS	5/3/2024	PCB	PCB 112	n/a	=	0.099	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	
2023/24-5	Lab	srgt LCS, rec	5/3/2024	PCB	PCB 112	n/a	=	99	%	EPA 625.1	-88	-88	49	133	
2023/24-5	Lab	srgt LCS dup	5/3/2024	PCB	PCB 112	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	PCB	PCB 112	n/a	=	99	%	EPA 625.1	-88	-88	49	133	
2023/24-5	ME-VR2	srgt environ	5/3/2024	PCB	PCB 112	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	PCB	PCB 112	n/a	=	98	%	EPA 625.1	-88	-88	49	133	
2023/24-5	Lab	srgt method blank	5/3/2024	PCB	PCB 198	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt method blank, rec	5/3/2024	PCB	PCB 198	n/a	=	99	%	EPA 625.1	-88	-88	60	129	
2023/24-5	Lab	srgt LCS	5/3/2024	PCB	PCB 198	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS, rec	5/3/2024	PCB	PCB 198	n/a	=	102	%	EPA 625.1	-88	-88	60	129	
2023/24-5	Lab	srgt LCS dup	5/3/2024	PCB	PCB 198	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-5	Lab	srgt LCS dup, rec	5/3/2024	PCB	PCB 198	n/a	=	94	%	EPA 625.1	-88	-88	60	129	
2023/24-5	ME-VR2	srgt environ	5/3/2024	PCB	PCB 198	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-5	ME-VR2	srgt environ, rec	5/3/2024	PCB	PCB 198	n/a	=	85	%	EPA 625.1	-88	-88	60	129	
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	method blank	5/3/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	000NONPJ	matrix spike	4/4/2024	Pesticide	2,4,5-TP	n/a	=	2.4075	µg/L	EPA 615	0.2	0.5			
2023/24-5	000NONPJ	matrix spike, rec	4/4/2024	Pesticide	2,4,5-TP	n/a	=	96.3	%	EPA 615	-88	-88	66	147	
2023/24-5	Lab	method blank	4/4/2024	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-5	Lab	LCS	4/4/2024	Pesticide	2,4,5-TP	n/a	=	2.3975	µg/L	EPA 615	0.2	0.5			
2023/24-5	Lab	LCS, rec	4/4/2024	Pesticide	2,4,5-TP	n/a	=	95.9	%	EPA 615	-88	-88	66	147	
2023/24-5	Lab	LCS dup	4/4/2024	Pesticide	2,4,5-TP	n/a	=	2.525	µg/L	EPA 615	0.2	0.5			
2023/24-5	Lab	LCS dup, rec	4/4/2024	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 615	-88	-88	66	147	
2023/24-5	Lab	LCS, RPD	4/4/2024	Pesticide	2,4,5-TP	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-5	000NONPJ	matrix spike	4/4/2024	Pesticide	2,4-D	n/a	=	5.15	µg/L	EPA 615	0.47	1			
2023/24-5	000NONPJ	matrix spike, rec	4/4/2024	Pesticide	2,4-D	n/a	=	103	%	EPA 615	-88	-88	58	159	
2023/24-5	Lab	method blank	4/4/2024	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-5	Lab	LCS	4/4/2024	Pesticide	2,4-D	n/a	=	5.05	µg/L	EPA 615	0.47	1			
2023/24-5	Lab	LCS, rec	4/4/2024	Pesticide	2,4-D	n/a	=	101	%	EPA 615	-88	-88	58	159	
2023/24-5	Lab	LCS dup	4/4/2024	Pesticide	2,4-D	n/a	=	5.55	µg/L	EPA 615	0.47	1			
2023/24-5	Lab	LCS dup, rec	4/4/2024	Pesticide	2,4-D	n/a	=	111	%	EPA 615	-88	-88	58	159	
2023/24-5	Lab	LCS, RPD	4/4/2024	Pesticide	2,4-D	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	4,4'-DDD	n/a	=	0.614	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	4,4'-DDD	n/a	=	123	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	4,4'-DDD	n/a	=	0.604	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	4,4'-DDD	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	4,4'-DDE	n/a	=	0.69	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	4,4'-DDE	n/a	=	138	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	4,4'-DDE	n/a	=	0.65	µg/L	EPA 625.1	0.0008	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	4,4'-DDE	n/a	=	130	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	4,4'-DDT	n/a	=	0.623	µg/L	EPA 625.1	0.0005	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	4,4'-DDT	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	4,4'-DDT	n/a	=	0.592	µg/L	EPA 625.1	0.0005	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	4,4'-DDT	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Aldrin	n/a	=	0.616	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Aldrin	n/a	=	123	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Aldrin	n/a	=	0.557	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Aldrin	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Aldrin	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	alpha-BHC	n/a	=	0.668	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	alpha-BHC	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	alpha-BHC	n/a	=	0.604	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	alpha-BHC	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	alpha-BHC	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	alpha-Chlordane	n/a	=	0.583	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	alpha-Chlordane	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	alpha-Chlordane	n/a	=	0.528	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	alpha-Chlordane	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	alpha-Chlordane	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Atrazine	n/a	=	0.563	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Atrazine	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Atrazine	n/a	=	0.579	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Atrazine	n/a	=	116	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Atrazine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	beta-BHC	n/a	=	0.71	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	beta-BHC	n/a	=	142	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	beta-BHC	n/a	=	0.648	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	beta-BHC	n/a	=	130	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	beta-BHC	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Chlorpyrifos	n/a	=	0.67	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Chlorpyrifos	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Chlorpyrifos	n/a	=	0.637	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Chlorpyrifos	n/a	=	127	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Cyanazine	n/a	=	0.456	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Cyanazine	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Cyanazine	n/a	=	0.455	µg/L	EPA 625.1	0.005	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	
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Cyanazine	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Cyanazine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	delta-BHC	n/a	=	0.727	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	delta-BHC	n/a	=	145	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	delta-BHC	n/a	=	0.666	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	delta-BHC	n/a	=	133	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	delta-BHC	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Diazinon	n/a	=	0.744	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Diazinon	n/a	=	149	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Diazinon	n/a	=	0.67	µg/L	EPA 625.1	0.0005	0.001			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Diazinon	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Diazinon	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Dieldrin	n/a	=	0.6	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Dieldrin	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Dieldrin	n/a	=	0.574	µg/L	EPA 625.1	0.001	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Dieldrin	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Dieldrin	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Endosulfan I	n/a	=	0.69	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Endosulfan I	n/a	=	138	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Endosulfan I	n/a	=	0.656	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Endosulfan I	n/a	=	131	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Endosulfan I	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Endosulfan II	n/a	=	0.601	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Endosulfan II	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Endosulfan II	n/a	=	0.542	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Endosulfan II	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Endosulfan II	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Endosulfan sulfate	n/a	=	0.562	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Endosulfan sulfate	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Endosulfan sulfate	n/a	=	0.543	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Endosulfan sulfate	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Endrin	n/a	=	0.607	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Endrin	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Endrin	n/a	=	0.576	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Endrin	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Endrin	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Endrin aldehyde	n/a	=	0.203	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Endrin aldehyde	n/a	=	41	%	EPA 625.1	-88	-88	50	150	PMQO

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Endrin aldehyde	n/a	=	0.202	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Endrin aldehyde	n/a	=	40	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.671	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.612	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	122	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	gamma-Chlordane	n/a	=	0.607	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	gamma-Chlordane	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	gamma-Chlordane	n/a	=	0.572	µg/L	EPA 625.1	0.0007	0.002			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	gamma-Chlordane	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	gamma-Chlordane	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-5	000NONPJ	matrix spike	4/8/2024	Pesticide	Glyphosate	n/a	=	45.15	µg/L	EPA 547	2.1	5			
2023/24-5	000NONPJ	matrix spike, rec	4/8/2024	Pesticide	Glyphosate	n/a	=	90.3	%	EPA 547	-88	-88	86	110	
2023/24-5	Lab	method blank	4/8/2024	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-5	Lab	LCS	4/8/2024	Pesticide	Glyphosate	n/a	=	46.45	µg/L	EPA 547	2.1	5			
2023/24-5	Lab	LCS, rec	4/8/2024	Pesticide	Glyphosate	n/a	=	92.9	%	EPA 547	-88	-88	86	110	
2023/24-5	Lab	LCS dup	4/8/2024	Pesticide	Glyphosate	n/a	=	46.2	µg/L	EPA 547	2.1	5			
2023/24-5	Lab	LCS dup, rec	4/8/2024	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	86	110	
2023/24-5	Lab	LCS, RPD	4/8/2024	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Heptachlor	n/a	=	0.681	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Heptachlor	n/a	=	136	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Heptachlor	n/a	=	0.627	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Heptachlor	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Heptachlor	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Heptachlor epoxide	n/a	=	0.642	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Heptachlor epoxide	n/a	=	128	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Heptachlor epoxide	n/a	=	0.595	µg/L	EPA 625.1	0.001	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Heptachlor epoxide	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Malathion	n/a	=	0.607	µg/L	EPA 625.1	0.0025	0.005			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Malathion	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Malathion	n/a	=	0.566	µg/L	EPA 625.1	0.0025	0.005			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Malathion	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Malathion	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Pentachlorophenol	n/a	=	0.967	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Pentachlorophenol	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-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	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Prometryn	n/a	=	0.612	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Prometryn	n/a	=	122	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Prometryn	n/a	=	0.615	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Prometryn	n/a	=	123	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Prometryn	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/3/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS	5/3/2024	Pesticide	Simazine	n/a	=	0.611	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS, rec	5/3/2024	Pesticide	Simazine	n/a	=	122	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/3/2024	Pesticide	Simazine	n/a	=	0.635	µg/L	EPA 625.1	0.005	0.01			
2023/24-5	Lab	LCS dup, rec	5/3/2024	Pesticide	Simazine	n/a	=	127	%	EPA 625.1	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/3/2024	Pesticide	Simazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-5	Lab	method blank	5/7/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-5	Lab	LCS	5/7/2024	Pesticide	Toxaphene	n/a	=	8.92	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-5	Lab	LCS, rec	5/7/2024	Pesticide	Toxaphene	n/a	=	89	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-5	Lab	LCS dup	5/7/2024	Pesticide	Toxaphene	n/a	=	9.14	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-5	Lab	LCS dup, rec	5/7/2024	Pesticide	Toxaphene	n/a	=	91	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-5	Lab	LCS, RPD	5/7/2024	Pesticide	Toxaphene	n/a	=	2	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-6	Lab	LCS	5/15/2024	Anion	Chloride	n/a	=	4.55	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/15/2024	Anion	Chloride	n/a	=	4.53	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/15/2024	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/15/2024	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/15/2024	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/15/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS	5/21/2024	Anion	Chloride	n/a	=	4.89	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/21/2024	Anion	Chloride	n/a	=	4.49	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/21/2024	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/21/2024	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/21/2024	Anion	Chloride	n/a	=	9	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/21/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS	5/25/2024	Anion	Chloride	n/a	=	4.75	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/25/2024	Anion	Chloride	n/a	=	4.68	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/25/2024	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/25/2024	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/25/2024	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/25/2024	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	lab duplicate	5/15/2024	Anion	Chloride	n/a	=	183	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-CC	matrix spike	5/15/2024	Anion	Chloride	n/a	=	54	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup	5/15/2024	Anion	Chloride	n/a	=	52	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	5/15/2024	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	70	130	
2023/24-6	ME-CC	matrix spike, rec	5/15/2024	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	70	130	
2023/24-6	ME-CC	matrix spike, RPD	5/15/2024	Anion	Chloride	n/a	=	4	%	EPA 300.0	-88	-88	0	25	
2023/24-6	ME-SCR	lab duplicate	5/21/2024	Anion	Chloride	n/a	=	36.8	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-SCR	matrix spike	5/21/2024	Anion	Chloride	n/a	=	46.1	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-SCR	matrix spike dup	5/21/2024	Anion	Chloride	n/a	=	47.6	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-SCR	matrix spike dup, rec	5/21/2024	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	70	130	
2023/24-6	ME-SCR	matrix spike, rec	5/21/2024	Anion	Chloride	n/a	=	92	%	EPA 300.0	-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	
2023/24-6	ME-SCR	matrix spike, RPD	5/21/2024	Anion	Chloride	n/a	=	3	%	EPA 300.0	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	5/25/2024	Anion	Chloride	n/a	=	30.1	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-VR2	matrix spike	5/25/2024	Anion	Chloride	n/a	=	41.8	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup	5/25/2024	Anion	Chloride	n/a	=	41.8	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup, rec	5/25/2024	Anion	Chloride	n/a	=	84	%	EPA 300.0	-88	-88	70	130	
2023/24-6	ME-VR2	matrix spike, rec	5/25/2024	Anion	Chloride	n/a	=	84	%	EPA 300.0	-88	-88	70	130	
2023/24-6	ME-VR2	matrix spike, RPD	5/25/2024	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	LCS	5/15/2024	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/15/2024	Anion	Fluoride	n/a	=	1.89	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/15/2024	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/15/2024	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/15/2024	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/15/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS	5/21/2024	Anion	Fluoride	n/a	=	2	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/21/2024	Anion	Fluoride	n/a	=	1.85	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/21/2024	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/21/2024	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/21/2024	Anion	Fluoride	n/a	=	7	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/21/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS	5/25/2024	Anion	Fluoride	n/a	=	1.95	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/25/2024	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/25/2024	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/25/2024	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/25/2024	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/25/2024	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	lab duplicate	5/15/2024	Anion	Fluoride	n/a	=	0.442	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-CC	matrix spike	5/15/2024	Anion	Fluoride	n/a	=	1.98	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup	5/15/2024	Anion	Fluoride	n/a	=	2.04	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	5/15/2024	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	5/15/2024	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	5/15/2024	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	25	
2023/24-6	ME-SCR	lab duplicate	5/21/2024	Anion	Fluoride	n/a	=	0.605	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-SCR	matrix spike	5/21/2024	Anion	Fluoride	n/a	=	1.913	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-SCR	matrix spike dup	5/21/2024	Anion	Fluoride	n/a	=	1.953	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-SCR	matrix spike dup, rec	5/21/2024	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, rec	5/21/2024	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, RPD	5/21/2024	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	5/25/2024	Anion	Fluoride	n/a	=	0.438	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-VR2	matrix spike	5/25/2024	Anion	Fluoride	n/a	=	1.946	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup	5/25/2024	Anion	Fluoride	n/a	=	1.956	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup, rec	5/25/2024	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, rec	5/25/2024	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	5/25/2024	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-6	000NONPJ	matrix spike	5/30/2024	Anion	Perchlorate	Total	=	58.83	µg/L	EPA 314.0	0.36	4			
2023/24-6	000NONPJ	matrix spike, rec	5/30/2024	Anion	Perchlorate	Total	=	118	%	EPA 314.0	-88	-88	80	120	
2023/24-6	000NONPJ	matrix spike dup	5/30/2024	Anion	Perchlorate	Total	=	58.69	µg/L	EPA 314.0	0.36	4			
2023/24-6	000NONPJ	matrix spike dup, rec	5/30/2024	Anion	Perchlorate	Total	=	117	%	EPA 314.0	-88	-88	80	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	
2023/24-6	000NONPJ	matrix spike, RPD	5/30/2024	Anion	Perchlorate	Total	=	0	%	EPA 314.0	-88	-88	0	15	
2023/24-6	000NONPJ	matrix spike	6/3/2024	Anion	Perchlorate	Total	=	59.08	µg/L	EPA 314.0	0.36	4			
2023/24-6	000NONPJ	matrix spike, rec	6/3/2024	Anion	Perchlorate	Total	=	118	%	EPA 314.0	-88	-88	80	120	
2023/24-6	000NONPJ	matrix spike dup	6/3/2024	Anion	Perchlorate	Total	=	57.77	µg/L	EPA 314.0	0.36	4			
2023/24-6	000NONPJ	matrix spike dup, rec	6/3/2024	Anion	Perchlorate	Total	=	116	%	EPA 314.0	-88	-88	80	120	
2023/24-6	000NONPJ	matrix spike, RPD	6/3/2024	Anion	Perchlorate	Total	=	2	%	EPA 314.0	-88	-88	0	15	
2023/24-6	Lab	method blank	5/30/2024	Anion	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4			
2023/24-6	Lab	LCS	5/30/2024	Anion	Perchlorate	Total	=	51.05	µg/L	EPA 314.0	0.36	4			
2023/24-6	Lab	LCS, rec	5/30/2024	Anion	Perchlorate	Total	=	102	%	EPA 314.0	-88	-88	85	115	
2023/24-6	Lab	method blank	6/2/2024	Anion	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4			
2023/24-6	Lab	LCS	6/3/2024	Anion	Perchlorate	Total	=	55.4	µg/L	EPA 314.0	0.36	4			
2023/24-6	Lab	LCS, rec	6/3/2024	Anion	Perchlorate	Total	=	111	%	EPA 314.0	-88	-88	85	115	
2023/24-6	Lab	method blank	5/15/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	method blank	5/17/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	method blank	5/22/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	method blank	5/15/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	method blank	5/17/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	method blank	5/22/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2023/24-6	Lab	LCS	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup, rec	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	95	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	3	%	SM 2320 B	-88	-88	0	25	
2023/24-6	Lab	LCS	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	96	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup, rec	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0	25	
2023/24-6	Lab	LCS	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1	1			
2023/24-6	Lab	LCS dup, rec	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	98	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	1	%	SM 2320 B	-88	-88	0	25	
2023/24-6	ME-CC	lab duplicate	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	1	1		15	
2023/24-6	ME-SCR	lab duplicate	5/21/2024	Conventional	Alkalinity as CaCO3	n/a	=	202	mg/L	SM 2320 B	1	1		15	
2023/24-6	ME-VR2	lab duplicate	5/24/2024	Conventional	Alkalinity as CaCO3	n/a	=	197	mg/L	SM 2320 B	1	1		15	
2023/24-6	000NONPJ	lab duplicate	5/20/2024	Conventional	BOD	n/a	=	397	mg/L	SM 5210 B	-88	30		20	QAX
2023/24-6	000NONPJ	lab duplicate	5/27/2024	Conventional	BOD	n/a	=	521	mg/L	SM 5210 B	-88	3		20	QAX
2023/24-6	Lab	LCS	5/20/2024	Conventional	BOD	n/a	=	168	mg/L	SM 5210 B	-88	3			
2023/24-6	Lab	LCS, rec	5/20/2024	Conventional	BOD	n/a	=	85	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-6	Lab	method blank	5/20/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-6	Lab	LCS	5/22/2024	Conventional	BOD	n/a	=	176	mg/L	SM 5210 B	-88	3			
2023/24-6	Lab	LCS, rec	5/22/2024	Conventional	BOD	n/a	=	89	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-6	Lab	method blank	5/22/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3			
2023/24-6	Lab	LCS	5/27/2024	Conventional	BOD	n/a	=	199	mg/L	SM 5210 B	-88	3			
2023/24-6	Lab	LCS, rec	5/27/2024	Conventional	BOD	n/a	=	101	%	SM 5210 B	-88	-88	84.6	115.4	
2023/24-6	Lab	method blank	5/27/2024	Conventional	BOD	n/a	<	3	mg/L	SM 5210 B	-88	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	
2023/24-6	000NONPJ	matrix spike	5/18/2024	Conventional	COD	n/a	=	106	mg/L	SM 5220 D	3.2	8			
2023/24-6	000NONPJ	matrix spike dup	5/18/2024	Conventional	COD	n/a	=	114	mg/L	SM 5220 D	3.2	8			
2023/24-6	000NONPJ	matrix spike dup, rec	5/18/2024	Conventional	COD	n/a	=	111	%	SM 5220 D	-88	-88	77	120	
2023/24-6	000NONPJ	matrix spike, rec	5/18/2024	Conventional	COD	n/a	=	103	%	SM 5220 D	-88	-88	77	120	
2023/24-6	000NONPJ	matrix spike, RPD	5/18/2024	Conventional	COD	n/a	=	7	%	SM 5220 D	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	5/23/2024	Conventional	COD	n/a	=	108	mg/L	SM 5220 D	3.2	8			
2023/24-6	000NONPJ	matrix spike dup	5/23/2024	Conventional	COD	n/a	=	116	mg/L	SM 5220 D	3.2	8			
2023/24-6	000NONPJ	matrix spike dup, rec	5/23/2024	Conventional	COD	n/a	=	116	%	SM 5220 D	-88	-88	77	120	
2023/24-6	000NONPJ	matrix spike, rec	5/23/2024	Conventional	COD	n/a	=	108	%	SM 5220 D	-88	-88	77	120	
2023/24-6	000NONPJ	matrix spike, RPD	5/23/2024	Conventional	COD	n/a	=	6	%	SM 5220 D	-88	-88	0	20	
2023/24-6	Lab	LCS	5/18/2024	Conventional	COD	n/a	=	108	mg/L	SM 5220 D	1.6	4			
2023/24-6	Lab	LCS, rec	5/18/2024	Conventional	COD	n/a	=	108	%	SM 5220 D	-88	-88	90	110	
2023/24-6	Lab	method blank	5/18/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-6	Lab	LCS	5/23/2024	Conventional	COD	n/a	=	110	mg/L	SM 5220 D	1.6	4			
2023/24-6	Lab	LCS, rec	5/23/2024	Conventional	COD	n/a	=	110	%	SM 5220 D	-88	-88	90	110	
2023/24-6	Lab	method blank	5/23/2024	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-6	000NONPJ	matrix spike	5/20/2024	Conventional	Cyanide	Total	=	0.1866	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	000NONPJ	matrix spike, rec	5/20/2024	Conventional	Cyanide	Total	=	93	%	EPA 335.4	-88	-88	90	110	
2023/24-6	000NONPJ	matrix spike dup	5/20/2024	Conventional	Cyanide	Total	=	0.1678	mg/L	EPA 335.4	0.0016	0.005			GB
2023/24-6	000NONPJ	matrix spike dup, rec	5/20/2024	Conventional	Cyanide	Total	=	84	%	EPA 335.4	-88	-88	90	110	GB
2023/24-6	000NONPJ	matrix spike, RPD	5/20/2024	Conventional	Cyanide	Total	=	11	%	EPA 335.4	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	5/20/2024	Conventional	Cyanide	Total	=	0.201	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	000NONPJ	matrix spike dup	5/20/2024	Conventional	Cyanide	Total	=	0.2038	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	000NONPJ	matrix spike dup, rec	5/20/2024	Conventional	Cyanide	Total	=	102	%	EPA 335.4	-88	-88	90	110	
2023/24-6	000NONPJ	matrix spike, rec	5/20/2024	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2023/24-6	000NONPJ	matrix spike, RPD	5/20/2024	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	5/28/2024	Conventional	Cyanide	Total	=	0.087	mg/L	EPA 335.4	0.0023	0.005			GB
2023/24-6	000NONPJ	matrix spike, rec	5/28/2024	Conventional	Cyanide	Total	=	87	%	EPA 335.4	-88	-88	90	110	GB
2023/24-6	000NONPJ	matrix spike dup	5/28/2024	Conventional	Cyanide	Total	=	0.091	mg/L	EPA 335.4	0.0023	0.005			
2023/24-6	000NONPJ	matrix spike dup, rec	5/28/2024	Conventional	Cyanide	Total	=	91	%	EPA 335.4	-88	-88	90	110	
2023/24-6	000NONPJ	matrix spike, RPD	5/28/2024	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	
2023/24-6	Lab	method blank	5/20/2024	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	Lab	method blank	5/20/2024	Conventional	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	Lab	LCS	5/20/2024	Conventional	Cyanide	Total	=	0.1002	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	Lab	LCS, rec	5/20/2024	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	
2023/24-6	Lab	LCS	5/20/2024	Conventional	Cyanide	Total	=	0.1879	mg/L	EPA 335.4	0.0016	0.005			
2023/24-6	Lab	LCS, rec	5/20/2024	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	
2023/24-6	Lab	method blank	5/28/2024	Conventional	Cyanide	Total	<	0.0023	mg/L	EPA 335.4	0.0023	0.005			
2023/24-6	Lab	LCS	5/28/2024	Conventional	Cyanide	Total	=	0.0972	mg/L	EPA 335.4	0.0023	0.005			
2023/24-6	Lab	LCS, rec	5/28/2024	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2023/24-6	Lab	method blank	6/10/2024	Conventional	Hardness as CaCO3	Total	<	0.1	mg/L	SM 2340 B	0.1	0.5			
2023/24-6	Lab	LCS	6/10/2024	Conventional	Hardness as CaCO3	Total	=	133	mg/L	SM 2340 B	0.1	0.5			
2023/24-6	Lab	LCS, rec	6/10/2024	Conventional	Hardness as CaCO3	Total	=	101	%	SM 2340 B	-88	-88	70	130	
2023/24-6	Lab	LCS dup	6/10/2024	Conventional	Hardness as CaCO3	Total	=	132	mg/L	SM 2340 B	0.1	0.5			
2023/24-6	Lab	LCS dup, rec	6/10/2024	Conventional	Hardness as CaCO3	Total	=	100	%	SM 2340 B	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	6/10/2024	Conventional	Hardness as CaCO3	Total	=	1	%	SM 2340 B	-88	-88	0	25	
2023/24-6	ME-CC	lab duplicate	6/3/2024	Conventional	Hardness as CaCO3	Total	=	500	mg/L	SM 2340 B	0.1	0.5			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	
2023/24-6	ME-VR2	lab duplicate	6/10/2024	Conventional	Hardness as CaCO3	Total	=	414	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-6	Lab	LCS	5/15/2024	Conventional	MBAS	n/a	=	0.104	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup	5/15/2024	Conventional	MBAS	n/a	=	0.0954	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup, rec	5/15/2024	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/15/2024	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/15/2024	Conventional	MBAS	n/a	=	9	%	SM 5540 C	-88	-88	0	25	
2023/24-6	Lab	method blank	5/15/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS	5/17/2024	Conventional	MBAS	n/a	=	0.108	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup	5/17/2024	Conventional	MBAS	n/a	=	0.109	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup, rec	5/17/2024	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/17/2024	Conventional	MBAS	n/a	=	108	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/17/2024	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	25	
2023/24-6	Lab	method blank	5/17/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS	5/22/2024	Conventional	MBAS	n/a	=	0.0842	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup	5/22/2024	Conventional	MBAS	n/a	=	0.0903	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	Lab	LCS dup, rec	5/22/2024	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, rec	5/22/2024	Conventional	MBAS	n/a	=	84	%	SM 5540 C	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/22/2024	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	25	
2023/24-6	Lab	method blank	5/22/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	ME-CC	lab duplicate	5/15/2024	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-6	ME-CC	matrix spike	5/15/2024	Conventional	MBAS	n/a	=	0.109	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	ME-CC	matrix spike dup	5/15/2024	Conventional	MBAS	n/a	=	0.103	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	5/15/2024	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	70	130	
2023/24-6	ME-CC	matrix spike, rec	5/15/2024	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	70	130	
2023/24-6	ME-CC	matrix spike, RPD	5/15/2024	Conventional	MBAS	n/a	=	6	%	SM 5540 C	-88	-88	0	25	
2023/24-6	ME-SCR	lab duplicate	5/17/2024	Conventional	MBAS	n/a	DNQ	0.0322	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-6	ME-SCR	matrix spike	5/17/2024	Conventional	MBAS	n/a	=	0.1032	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	ME-SCR	matrix spike dup	5/17/2024	Conventional	MBAS	n/a	=	0.0952	mg/L	SM 5540 C	0.02	0.05			
2023/24-6	ME-SCR	matrix spike dup, rec	5/17/2024	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	70	130	
2023/24-6	ME-SCR	matrix spike, rec	5/17/2024	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	70	130	
2023/24-6	ME-SCR	matrix spike, RPD	5/17/2024	Conventional	MBAS	n/a	=	8	%	SM 5540 C	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	5/22/2024	Conventional	MBAS	n/a	DNQ	0.0423	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-6	ME-VR2	matrix spike	5/22/2024	Conventional	MBAS	n/a	=	0.0663	mg/L	SM 5540 C	0.02	0.05			GB
2023/24-6	ME-VR2	matrix spike dup	5/22/2024	Conventional	MBAS	n/a	=	0.0643	mg/L	SM 5540 C	0.02	0.05			GB
2023/24-6	ME-VR2	matrix spike dup, rec	5/22/2024	Conventional	MBAS	n/a	=	64	%	SM 5540 C	-88	-88	70	130	GB
2023/24-6	ME-VR2	matrix spike, rec	5/22/2024	Conventional	MBAS	n/a	=	66	%	SM 5540 C	-88	-88	70	130	GB
2023/24-6	ME-VR2	matrix spike, RPD	5/22/2024	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	25	
2023/24-6	Lab	LCS	6/6/2024	Conventional	Specific Conductance	n/a	=	22400	µmhos/cm	SM 2510 B	1	1			
2023/24-6	Lab	LCS dup	6/6/2024	Conventional	Specific Conductance	n/a	=	22400	µmhos/cm	SM 2510 B	1	1			
2023/24-6	Lab	LCS dup, rec	6/6/2024	Conventional	Specific Conductance	n/a	=	112	%	SM 2510 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/6/2024	Conventional	Specific Conductance	n/a	=	112	%	SM 2510 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/6/2024	Conventional	Specific Conductance	n/a	=	0	%	SM 2510 B	-88	-88	0	25	
2023/24-6	ME-CC	lab duplicate	6/6/2024	Conventional	Specific Conductance	n/a	=	1430	µmhos/cm	SM 2510 B	1	1		25	
2023/24-6	Lab	LCS	5/16/2024	Conventional	Total Chlorine Residual	n/a	=	0.353	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-6	Lab	LCS dup	5/16/2024	Conventional	Total Chlorine Residual	n/a	=	0.312	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-6	Lab	LCS dup, rec	5/16/2024	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl D	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/16/2024	Conventional	Total Chlorine Residual	n/a	=	118	%	SM 4500-Cl D	-88	-88	80	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	
2023/24-6	Lab	LCS, RPD	5/16/2024	Conventional	Total Chlorine Residual	n/a	=	13	%	SM 4500-Cl D	-88	-88	0	25	
2023/24-6	Lab	method blank	5/16/2024	Conventional	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012			
2023/24-6	Lab	LCS	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	1040	mg/L	SM 2540 C	6.3	10			
2023/24-6	Lab	LCS dup	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	1040	mg/L	SM 2540 C	6.3	10			
2023/24-6	Lab	LCS dup, rec	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	104	%	SM 2540 C	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	104	%	SM 2540 C	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	0	%	SM 2540 C	-88	-88	0	25	
2023/24-6	ME-CC	lab duplicate	5/23/2024	Conventional	Total Dissolved Solids	n/a	=	982	mg/L	SM 2540 C	6.3	10		10	H
2023/24-6	Lab	LCS	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.08	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	Lab	LCS dup	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.33	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	Lab	LCS dup, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/11/2024	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	25	
2023/24-6	Lab	method blank	6/11/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	Lab	LCS	6/11/2024	Conventional	Total Organic Carbon	n/a	=	10.3	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	Lab	LCS dup	6/11/2024	Conventional	Total Organic Carbon	n/a	=	10.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	Lab	LCS dup, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 B	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/11/2024	Conventional	Total Organic Carbon	n/a	=	11	%	SM 5310 B	-88	-88	0	25	
2023/24-6	Lab	method blank	6/11/2024	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-CC	lab duplicate	6/11/2024	Conventional	Total Organic Carbon	n/a	=	3.74	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-6	ME-CC	matrix spike	6/11/2024	Conventional	Total Organic Carbon	n/a	=	8.91	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-CC	matrix spike dup	6/11/2024	Conventional	Total Organic Carbon	n/a	=	8.81	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-CC	matrix spike dup, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/11/2024	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2023/24-6	ME-SCR	lab duplicate	6/11/2024	Conventional	Total Organic Carbon	n/a	=	2.12	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-6	ME-SCR	matrix spike	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.65	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-SCR	matrix spike dup	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.85	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-SCR	matrix spike dup, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, RPD	6/11/2024	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/11/2024	Conventional	Total Organic Carbon	n/a	=	1.51	mg/L	SM 5310 B	0.2	0.44		25	
2023/24-6	ME-VR2	matrix spike	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.03	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-VR2	matrix spike dup	6/11/2024	Conventional	Total Organic Carbon	n/a	=	9.03	mg/L	SM 5310 B	0.2	0.44			
2023/24-6	ME-VR2	matrix spike dup, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, rec	6/11/2024	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/11/2024	Conventional	Total Organic Carbon	n/a	=	0	%	SM 5310 B	-88	-88	0	25	
2023/24-6	Lab	method blank	5/21/2024	Conventional	Total Suspended Solids	n/a	<	0.5	mg/L	SM 2540 D	0.5	0.5			
2023/24-6	Lab	method blank	5/16/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-6	Lab	method blank	5/17/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-6	Lab	method blank	5/22/2024	Conventional	Turbidity	n/a	<	0.02	NTU	EPA 180.1	0.02	0.02			
2023/24-6	ME-CC	lab duplicate	5/16/2024	Conventional	Turbidity	n/a	=	8.4	NTU	EPA 180.1	0.02	0.02		10	
2023/24-6	ME-SCR	lab duplicate	5/17/2024	Conventional	Turbidity	n/a	=	41.9	NTU	EPA 180.1	0.02	0.02		10	
2023/24-6	ME-VR2	lab duplicate	5/22/2024	Conventional	Turbidity	n/a	=	0.44	NTU	EPA 180.1	0.02	0.02		10	IL
2023/24-6	Lab	method blank	5/21/2024	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			
2023/24-6	Lab	method blank	5/23/2024	Conventional	Volatile Suspended Solids	n/a	<	0.1	mg/L	SM 2540 E	0.1	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt LCS dup	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	0.48	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	96	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt LCS	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	0.475	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	95	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt LCS	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	0.465	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	93	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt LCS dup	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	0.49	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	98	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt method blank	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	0.39	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/21/2024	Hydrocarbon	n-Octacosane	n/a	=	78	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt method blank	5/30/2024	Hydrocarbon	n-Octacosane	n/a	=	0.455	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/30/2024	Hydrocarbon	n-Octacosane	n/a	=	91	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt method blank	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.515	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	103	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt LCS	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.53	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	106	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	srgt LCS dup	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.485	mg/L	EPA 8015B	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	97	%	EPA 8015B	-88	-88	53	151	
2023/24-6	ME-CC	srgt environ	5/24/2024	Hydrocarbon	n-Octacosane	n/a	=	0.513	mg/L	EPA 8015B	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	5/24/2024	Hydrocarbon	n-Octacosane	n/a	=	100	%	EPA 8015B	-88	-88	53	151	
2023/24-6	ME-SCR	srgt environ	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	0.485	mg/L	EPA 8015B	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	101	%	EPA 8015B	-88	-88	53	151	
2023/24-6	ME-VR2	srgt environ	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.427	mg/L	EPA 8015B	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	90	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-CAM	srgt environ	6/3/2024	Hydrocarbon	n-Octacosane	n/a	=	0.476	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/3/2024	Hydrocarbon	n-Octacosane	n/a	=	109	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-FIL	srgt environ	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	0.476	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	93	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-HUE	srgt environ	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.378	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	98	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-MEI	srgt environ	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.489	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	101	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-OJA	srgt environ	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	0.491	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/7/2024	Hydrocarbon	n-Octacosane	n/a	=	103	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-SIM	srgt environ	5/22/2024	Hydrocarbon	n-Octacosane	n/a	=	0.476	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	5/22/2024	Hydrocarbon	n-Octacosane	n/a	=	100	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-THO	srgt environ	5/22/2024	Hydrocarbon	n-Octacosane	n/a	=	0.451	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	5/22/2024	Hydrocarbon	n-Octacosane	n/a	=	99	%	EPA 8015B	-88	-88	53	151	
2023/24-6	MO-VEN	srgt environ	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	0.31	mg/L	EPA 8015B	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	5/31/2024	Hydrocarbon	n-Octacosane	n/a	=	64	%	EPA 8015B	-88	-88	53	151	
2023/24-6	Lab	LCS	6/9/2024	Hydrocarbon	Oil and Grease	n/a	=	33.7	mg/L	EPA 1664B	1	1			
2023/24-6	Lab	LCS dup	6/9/2024	Hydrocarbon	Oil and Grease	n/a	=	34.4	mg/L	EPA 1664B	1	1			
2023/24-6	Lab	LCS dup, rec	6/9/2024	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664B	-88	-88	67	110	
2023/24-6	Lab	LCS, rec	6/9/2024	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	67	110	
2023/24-6	Lab	LCS, RPD	6/9/2024	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	30	
2023/24-6	Lab	method blank	6/9/2024	Hydrocarbon	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1			
2023/24-6	Lab	LCS dup	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	3.48	mg/L	EPA 8015B	0.036	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	
2023/24-6	Lab	LCS dup, rec	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	87	%	EPA 8015B	-88	-88	65	129	
2023/24-6	Lab	LCS, RPD	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	1	%	EPA 8015B	-88	-88	0	30	
2023/24-6	Lab	LCS	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	3.52	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	LCS, rec	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	88	%	EPA 8015B	-88	-88	65	129	
2023/24-6	Lab	method blank	5/21/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	5/30/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	LCS	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	4.08	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	LCS, rec	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	102	%	EPA 8015B	-88	-88	65	129	
2023/24-6	Lab	LCS dup	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	3.96	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	99	%	EPA 8015B	-88	-88	65	129	
2023/24-6	Lab	LCS, RPD	6/7/2024	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	3	%	EPA 8015B	-88	-88	0	30	
2023/24-6	Lab	LCS	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	=	1.68	mg/L	EPA 8015B	0.029	0.05			
2023/24-6	Lab	LCS, rec	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	=	84	%	EPA 8015B	-88	-88	71	120	
2023/24-6	Lab	LCS dup	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	=	1.7	mg/L	EPA 8015B	0.029	0.05			
2023/24-6	Lab	LCS dup, rec	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	=	85	%	EPA 8015B	-88	-88	71	120	
2023/24-6	Lab	LCS, RPD	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	=	1	%	EPA 8015B	-88	-88	0	30	
2023/24-6	Lab	method blank	5/24/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.029	mg/L	EPA 8015B	0.029	0.05			
2023/24-6	Lab	method blank	5/30/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	6/7/2024	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	LCS	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	=	3.28	mg/L	EPA 8015B	0.066	0.25			
2023/24-6	Lab	LCS, rec	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	=	82	%	EPA 8015B	-88	-88	57	137	
2023/24-6	Lab	LCS dup	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	=	3.48	mg/L	EPA 8015B	0.066	0.25			
2023/24-6	Lab	LCS dup, rec	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	=	87	%	EPA 8015B	-88	-88	57	137	
2023/24-6	Lab	LCS, RPD	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	=	6	%	EPA 8015B	-88	-88	0	20	
2023/24-6	Lab	method blank	5/21/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	5/30/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	6/7/2024	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.036	mg/L	EPA 8015B	0.036	0.05			
2023/24-6	Lab	method blank	6/4/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	Lab	LCS	6/4/2024	Metal	Aluminum	Dissolved	=	985	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Aluminum	Dissolved	=	1096	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Aluminum	Dissolved	=	110	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Aluminum	Dissolved	=	12	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/7/2024	Metal	Aluminum	Dissolved	=	1139	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Aluminum	Dissolved	=	1180	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Aluminum	Dissolved	=	118	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Aluminum	Dissolved	=	114	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Aluminum	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Aluminum	Dissolved	=	89	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Aluminum	Dissolved	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Aluminum	Dissolved	=	89.8	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Aluminum	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Aluminum	Dissolved	DNQ	5.72	µg/L	EPA 200.8	1.65	8.25		25	CS,J

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Aluminum	Total	=	226	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Aluminum	Total	DNQ	8.15	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Aluminum	Total	=	93.61	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Aluminum	Total	=	82.71	µg/L	EPA 200.8	1.65	8.25			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Aluminum	Total	=	83	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Aluminum	Total	=	12	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	Lab	LCS	6/4/2024	Metal	Antimony	Dissolved	=	1020	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Antimony	Dissolved	=	1029	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/7/2024	Metal	Antimony	Dissolved	=	929	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Antimony	Dissolved	=	939	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Antimony	Dissolved	DNQ	0.092	µg/L	EPA 200.8	0.03	0.15		25	CS,J
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Antimony	Dissolved	=	103.86	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Antimony	Dissolved	=	102.86	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Antimony	Dissolved	=	0.357	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Antimony	Total	=	0.387	µg/L	EPA 200.8	0.03	0.15		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Antimony	Total	=	91.84	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Antimony	Total	=	87.65	µg/L	EPA 200.8	0.03	0.15			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	Lab	LCS	6/4/2024	Metal	Arsenic	Dissolved	=	1087	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Arsenic	Dissolved	=	1093	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Arsenic	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Arsenic	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Arsenic	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/7/2024	Metal	Arsenic	Dissolved	=	978	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Arsenic	Dissolved	=	989	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Arsenic	Dissolved	=	3.32	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Arsenic	Dissolved	=	111.03	µg/L	EPA 200.8	0.05	0.159			

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	
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Arsenic	Dissolved	=	111	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Arsenic	Dissolved	=	115.03	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Arsenic	Dissolved	=	115	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Arsenic	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Arsenic	Dissolved	=	1.12	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Arsenic	Total	=	2.28	µg/L	EPA 200.8	0.05	0.159		25	PMQO
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Arsenic	Total	=	1.16	µg/L	EPA 200.8	0.05	0.159		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Arsenic	Total	=	99.74	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Arsenic	Total	=	92.64	µg/L	EPA 200.8	0.05	0.159			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Arsenic	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Barium	Dissolved	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	Lab	LCS	6/4/2024	Metal	Barium	Dissolved	=	1021	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Barium	Dissolved	=	1010	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Barium	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Barium	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Barium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/7/2024	Metal	Barium	Dissolved	=	955	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Barium	Dissolved	=	938	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Barium	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Barium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Barium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Barium	Dissolved	<	0.25	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Barium	Dissolved	=	35.1	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Barium	Dissolved	=	97.2	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Barium	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Barium	Dissolved	=	97.2	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Barium	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Barium	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Barium	Dissolved	=	47.7	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Barium	Total	=	32	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Barium	Total	=	55.4	µg/L	EPA 200.8	0.25	0.5		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Barium	Total	=	91.5	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Barium	Total	=	92	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Barium	Total	=	85.5	µg/L	EPA 200.8	0.25	0.5			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Barium	Total	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Barium	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Beryllium	Dissolved	=	801	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Beryllium	Dissolved	=	846	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Beryllium	Dissolved	=	85	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Beryllium	Dissolved	=	80	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Beryllium	Dissolved	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	Lab	LCS	6/7/2024	Metal	Beryllium	Dissolved	=	1053	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Beryllium	Dissolved	=	1092	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Beryllium	Dissolved	=	109	%	EPA 200.8	-88	-88	80	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	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Beryllium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Beryllium	Dissolved	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Beryllium	Dissolved	=	87.8	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Beryllium	Dissolved	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Beryllium	Dissolved	=	85.6	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Beryllium	Dissolved	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Beryllium	Total	=	100	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Beryllium	Total	=	94.3	µg/L	EPA 200.8	0.01	0.031			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Beryllium	Total	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Cadmium	Dissolved	=	945	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Cadmium	Dissolved	=	959	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Cadmium	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	Lab	LCS	6/7/2024	Metal	Cadmium	Dissolved	=	961	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Cadmium	Dissolved	=	981	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Cadmium	Dissolved	=	99.7	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Cadmium	Dissolved	=	99.3	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Cadmium	Dissolved	=	0.384	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Cadmium	Total	=	0.45	µg/L	EPA 200.8	0.007	0.023		25	IL
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Cadmium	Total	=	95.278	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Cadmium	Total	=	89.578	µg/L	EPA 200.8	0.007	0.023			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Chromium	Dissolved	=	1045	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Chromium	Dissolved	=	1054	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Chromium	Dissolved	=	104	%	EPA 200.8	-88	-88	80	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	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Chromium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS	6/7/2024	Metal	Chromium	Dissolved	=	1027	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Chromium	Dissolved	=	1009	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Chromium	Dissolved	=	0.399	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Chromium	Dissolved	=	102.62	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Chromium	Dissolved	=	105.62	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Chromium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Chromium	Dissolved	=	0.125	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Chromium	Total	=	1.13	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Chromium	Total	=	0.139	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Chromium	Total	=	95.55	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Chromium	Total	=	87.95	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Chromium	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Chromium	Total	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-6	000NONPJ	matrix spike	5/29/2024	Metal	Chromium VI	n/a	=	51.141	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike, rec	5/29/2024	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike dup	5/29/2024	Metal	Chromium VI	n/a	=	51.881	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike dup, rec	5/29/2024	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike, RPD	5/29/2024	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	5/29/2024	Metal	Chromium VI	n/a	=	46.53	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike, rec	5/29/2024	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike dup	5/29/2024	Metal	Chromium VI	n/a	=	47.35	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike dup, rec	5/29/2024	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike, RPD	5/29/2024	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	5/29/2024	Metal	Chromium VI	n/a	=	47.51	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike, rec	5/29/2024	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike dup	5/29/2024	Metal	Chromium VI	n/a	=	49.01	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike dup, rec	5/29/2024	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike, RPD	5/29/2024	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	20	
2023/24-6	000NONPJ	matrix spike	6/3/2024	Metal	Chromium VI	n/a	=	46.98	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike, rec	6/3/2024	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike dup	6/3/2024	Metal	Chromium VI	n/a	=	48.11	µg/L	EPA 218.6	0.74	1			
2023/24-6	000NONPJ	matrix spike dup, rec	6/3/2024	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	85	115	
2023/24-6	000NONPJ	matrix spike, RPD	6/3/2024	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	20	
2023/24-6	Lab	method blank	5/29/2024	Metal	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1			
2023/24-6	Lab	LCS	5/29/2024	Metal	Chromium VI	n/a	=	51.39	µg/L	EPA 218.6	0.74	1			
2023/24-6	Lab	LCS, rec	5/29/2024	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2023/24-6	Lab	method blank	5/29/2024	Metal	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1			
2023/24-6	Lab	LCS	5/29/2024	Metal	Chromium VI	n/a	=	46.24	µg/L	EPA 218.6	0.74	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, rec	5/29/2024	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	90	110	
2023/24-6	Lab	method blank	6/3/2024	Metal	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1			
2023/24-6	Lab	LCS	6/3/2024	Metal	Chromium VI	n/a	=	47.23	µg/L	EPA 218.6	0.74	1			
2023/24-6	Lab	LCS, rec	6/3/2024	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	90	110	
2023/24-6	Lab	LCS	6/4/2024	Metal	Copper	Dissolved	=	1079	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Copper	Dissolved	=	1069	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Copper	Dissolved	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Copper	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	Lab	LCS	6/7/2024	Metal	Copper	Dissolved	=	1012	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Copper	Dissolved	=	1035	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Copper	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Copper	Dissolved	=	1.29	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Copper	Dissolved	=	98.68	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Copper	Dissolved	=	100.68	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Copper	Dissolved	=	0.544	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Copper	Total	=	2.08	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Copper	Total	=	0.462	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Copper	Total	=	93.55	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Copper	Total	=	89.15	µg/L	EPA 200.8	0.007	0.022			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Iron	Dissolved	=	1018	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Iron	Dissolved	=	1027	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Iron	Dissolved	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Iron	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	Lab	LCS	6/7/2024	Metal	Iron	Dissolved	=	1031	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Iron	Dissolved	=	1060	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Iron	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Iron	Dissolved	DNQ	4.1	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Iron	Dissolved	=	99.05	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Iron	Dissolved	=	99.05	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	80	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	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Iron	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Iron	Dissolved	DNQ	3.04	µg/L	EPA 200.8	1.13	5.65		25	CS,J
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Iron	Total	=	317	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Iron	Total	=	12.5	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Iron	Total	=	97.1	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Iron	Total	=	88	µg/L	EPA 200.8	1.13	5.65			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Iron	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Iron	Total	=	10	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Lead	Dissolved	=	999	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Lead	Dissolved	=	999	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Lead	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	Lab	LCS	6/7/2024	Metal	Lead	Dissolved	=	986	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Lead	Dissolved	=	979	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Lead	Dissolved	=	0.032	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Lead	Dissolved	=	94.673	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Lead	Dissolved	=	94.073	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Lead	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.007	0.021		25	CS,J
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Lead	Total	=	0.145	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Lead	Total	DNQ	0.02	µg/L	EPA 200.8	0.007	0.021		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Lead	Total	=	87.677	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Lead	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Lead	Total	=	84.077	µg/L	EPA 200.8	0.007	0.021			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Lead	Total	=	84	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Lead	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	5/31/2024	Metal	Mercury	Dissolved	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-6	ME-CC	lab duplicate	5/31/2024	Metal	Mercury	Dissolved	=	1.79	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-6	ME-CC	lab duplicate	5/31/2024	Metal	Mercury	Total	=	2.61	ng/L	EPA 1631E	0.04	0.2		25	
2023/24-6	ME-CC	matrix spike	5/31/2024	Metal	Mercury	Total	=	16.12	ng/L	EPA 1631E	0.04	0.2			
2023/24-6	ME-CC	matrix spike dup	5/31/2024	Metal	Mercury	Total	=	16.42	ng/L	EPA 1631E	0.04	0.2			
2023/24-6	ME-CC	matrix spike dup, rec	5/31/2024	Metal	Mercury	Total	=	82	%	EPA 1631E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	5/31/2024	Metal	Mercury	Total	=	81	%	EPA 1631E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	5/31/2024	Metal	Mercury	Total	=	1	%	EPA 1631E	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Nickel	Dissolved	=	1079	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Nickel	Dissolved	=	1082	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	80	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	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Nickel	Dissolved	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Nickel	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	Lab	LCS	6/7/2024	Metal	Nickel	Dissolved	=	1054	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Nickel	Dissolved	=	1061	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Nickel	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Nickel	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Nickel	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Nickel	Dissolved	=	3.82	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Nickel	Dissolved	=	100.15	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Nickel	Dissolved	=	103.15	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Nickel	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Nickel	Dissolved	=	0.942	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Nickel	Total	=	4.67	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Nickel	Total	=	1.16	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Nickel	Total	=	95.41	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Nickel	Total	=	89.31	µg/L	EPA 200.8	0.013	0.042			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Nickel	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Selenium	Dissolved	=	1009	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Selenium	Dissolved	=	985	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Selenium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Selenium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	Lab	LCS	6/7/2024	Metal	Selenium	Dissolved	=	968	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Selenium	Dissolved	=	985	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Selenium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Selenium	Dissolved	=	1.37	µg/L	EPA 200.8	0.021	0.068		25	PMQO
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Selenium	Dissolved	=	101.19	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Selenium	Dissolved	=	100.19	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Selenium	Dissolved	=	3.18	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Selenium	Total	=	0.382	µg/L	EPA 200.8	0.021	0.068		25	CE,IL
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Selenium	Total	=	3.24	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Selenium	Total	=	98.07	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Selenium	Total	=	92.97	µg/L	EPA 200.8	0.021	0.068			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	80	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	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Selenium	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Silver	Dissolved	=	119	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Silver	Dissolved	=	111	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Silver	Dissolved	=	111	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Silver	Dissolved	=	119	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Silver	Dissolved	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	Lab	LCS	6/7/2024	Metal	Silver	Dissolved	=	104	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Silver	Dissolved	=	105	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Silver	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Silver	Dissolved	=	0.046	µg/L	EPA 200.8	0.01	0.02		25	PMQO
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Silver	Dissolved	=	7.885	µg/L	EPA 200.8	0.01	0.02			PMQO
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Silver	Dissolved	=	79	%	EPA 200.8	-88	-88	80	120	PMQO
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Silver	Dissolved	=	9.015	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Silver	Dissolved	=	90	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Silver	Dissolved	=	13	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Silver	Dissolved	=	0.029	µg/L	EPA 200.8	0.01	0.02		25	PMQO
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Silver	Total	=	8	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Silver	Total	=	80	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Silver	Total	=	9.06	µg/L	EPA 200.8	0.01	0.02			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Silver	Total	=	13	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Thallium	Dissolved	=	977	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Thallium	Dissolved	=	989	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS	6/7/2024	Metal	Thallium	Dissolved	=	961	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Thallium	Dissolved	=	945	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Thallium	Dissolved	=	94	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Thallium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Thallium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.05		25	CS,J
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Thallium	Dissolved	=	96.475	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Thallium	Dissolved	=	95.375	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Thallium	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.01	0.05		25	CS,J
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05		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	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Thallium	Total	=	86.39	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Thallium	Total	=	86	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Thallium	Total	=	82.59	µg/L	EPA 200.8	0.01	0.05			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Thallium	Total	=	83	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Thallium	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	6/4/2024	Metal	Zinc	Dissolved	=	1041	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	Lab	LCS dup	6/4/2024	Metal	Zinc	Dissolved	=	1030	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/4/2024	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/4/2024	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/4/2024	Metal	Zinc	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	Lab	LCS	6/7/2024	Metal	Zinc	Dissolved	=	1009	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	Lab	LCS dup	6/7/2024	Metal	Zinc	Dissolved	=	1000	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	Lab	LCS dup, rec	6/7/2024	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	6/7/2024	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/7/2024	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	method blank	6/7/2024	Metal	Zinc	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Metal	Zinc	Dissolved	=	10.2	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-6	ME-CC	matrix spike	6/4/2024	Metal	Zinc	Dissolved	=	99.1	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	ME-CC	matrix spike, rec	6/4/2024	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike dup	6/4/2024	Metal	Zinc	Dissolved	=	100.1	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	ME-CC	matrix spike dup, rec	6/4/2024	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/4/2024	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Zinc	Dissolved	=	0.946	µg/L	EPA 200.8	0.022	0.069		25	CE,IL
2023/24-6	ME-CC	lab duplicate	6/4/2024	Metal	Zinc	Total	=	11.5	µg/L	EPA 200.8	0.022	0.069		25	
2023/24-6	ME-VR2	lab duplicate	6/7/2024	Metal	Zinc	Total	=	0.498	µg/L	EPA 200.8	0.022	0.069		25	CE,IL
2023/24-6	ME-VR2	matrix spike	6/7/2024	Metal	Zinc	Total	=	95.739	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	ME-VR2	matrix spike, rec	6/7/2024	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike dup	6/7/2024	Metal	Zinc	Total	=	88.039	µg/L	EPA 200.8	0.022	0.069			
2023/24-6	ME-VR2	matrix spike dup, rec	6/7/2024	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	80	120	
2023/24-6	ME-VR2	matrix spike, RPD	6/7/2024	Metal	Zinc	Total	=	9	%	EPA 200.8	-88	-88	0	25	
2023/24-6	Lab	LCS	5/28/2024	Nutrient	Ammonia as N	n/a	=	0.085	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-6	Lab	LCS dup	5/28/2024	Nutrient	Ammonia as N	n/a	=	0.087	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-6	Lab	LCS dup, rec	5/28/2024	Nutrient	Ammonia as N	n/a	=	87	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/28/2024	Nutrient	Ammonia as N	n/a	=	85	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/28/2024	Nutrient	Ammonia as N	n/a	=	2	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-6	Lab	method blank	5/28/2024	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-6	MO-THO	lab duplicate	5/28/2024	Nutrient	Ammonia as N	n/a	DNQ	0.019	mg/L	SM 4500-NH3 D	0.007	0.03		15	
2023/24-6	MO-THO	matrix spike	5/28/2024	Nutrient	Ammonia as N	n/a	=	0.106	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-6	MO-THO	matrix spike dup	5/28/2024	Nutrient	Ammonia as N	n/a	=	0.109	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-6	MO-THO	matrix spike dup, rec	5/28/2024	Nutrient	Ammonia as N	n/a	=	109	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-6	MO-THO	matrix spike, rec	5/28/2024	Nutrient	Ammonia as N	n/a	=	106	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-6	MO-THO	matrix spike, RPD	5/28/2024	Nutrient	Ammonia as N	n/a	=	3	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-6	Lab	LCS	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-6	Lab	LCS dup	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	1.07	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	SM 4500-NO3 E	-88	-88	80	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	
2023/24-6	Lab	LCS, rec	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	6	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-6	Lab	method blank	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-6	ME-CC	lab duplicate	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	8.68	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-6	ME-CC	matrix spike	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	18.829	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-6	ME-CC	matrix spike dup	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	18.629	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-6	ME-CC	matrix spike dup, rec	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	110	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	6/3/2024	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-6	Lab	LCS	5/15/2024	Nutrient	Nitrate as N	n/a	=	4.84	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup	5/15/2024	Nutrient	Nitrate as N	n/a	=	4.82	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	5/15/2024	Nutrient	Nitrate as N	n/a	=	96	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/15/2024	Nutrient	Nitrate as N	n/a	=	97	%	EPA 300.0	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/15/2024	Nutrient	Nitrate as N	n/a	=	1	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	method blank	5/15/2024	Nutrient	Nitrate as N	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	lab duplicate	5/15/2024	Nutrient	Nitrate as N	n/a	=	6.74	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-6	ME-CC	matrix spike	5/15/2024	Nutrient	Nitrate as N	n/a	=	4.94	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup	5/15/2024	Nutrient	Nitrate as N	n/a	=	5.14	mg/L	EPA 300.0	0.01	0.05			
2023/24-6	ME-CC	matrix spike dup, rec	5/15/2024	Nutrient	Nitrate as N	n/a	=	103	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	5/15/2024	Nutrient	Nitrate as N	n/a	=	99	%	EPA 300.0	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	5/15/2024	Nutrient	Nitrate as N	n/a	=	4	%	EPA 300.0	-88	-88	0	25	
2023/24-6	Lab	LCS	5/29/2024	Nutrient	Phosphorus as P	Total	=	0.292	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	Lab	LCS dup	5/29/2024	Nutrient	Phosphorus as P	Total	=	0.269	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	Lab	LCS dup, rec	5/29/2024	Nutrient	Phosphorus as P	Total	=	90	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/29/2024	Nutrient	Phosphorus as P	Total	=	97	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/29/2024	Nutrient	Phosphorus as P	Total	=	7	%	SM 4500-P E	-88	-88	0	25	
2023/24-6	Lab	method blank	5/29/2024	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	Lab	LCS	5/30/2024	Nutrient	Phosphorus as P	Total	=	0.318	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	Lab	LCS dup	5/30/2024	Nutrient	Phosphorus as P	Total	=	0.315	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	Lab	LCS dup, rec	5/30/2024	Nutrient	Phosphorus as P	Total	=	105	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/30/2024	Nutrient	Phosphorus as P	Total	=	106	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/30/2024	Nutrient	Phosphorus as P	Total	=	1	%	SM 4500-P E	-88	-88	0	25	
2023/24-6	Lab	method blank	5/30/2024	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	ME-CC	lab duplicate	5/29/2024	Nutrient	Phosphorus as P	Total	=	1.98	mg/L	SM 4500-P E	0.016	0.02		20	
2023/24-6	ME-CC	matrix spike	5/29/2024	Nutrient	Phosphorus as P	Total	=	1.41	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	ME-CC	matrix spike dup	5/29/2024	Nutrient	Phosphorus as P	Total	=	1.49	mg/L	SM 4500-P E	0.016	0.02			
2023/24-6	ME-CC	matrix spike dup, rec	5/29/2024	Nutrient	Phosphorus as P	Total	=	99	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	5/29/2024	Nutrient	Phosphorus as P	Total	=	94	%	SM 4500-P E	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	5/29/2024	Nutrient	Phosphorus as P	Total	=	5	%	SM 4500-P E	-88	-88	0	25	
2023/24-6	Lab	CRM	5/30/2024	Nutrient	TKN	n/a	=	11.2	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	CRM, rec	5/30/2024	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS	5/30/2024	Nutrient	TKN	n/a	=	2.46	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	LCS dup	5/30/2024	Nutrient	TKN	n/a	=	2.45	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	LCS dup, rec	5/30/2024	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/30/2024	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/30/2024	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	25	
2023/24-6	Lab	method blank	5/30/2024	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	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	
2023/24-6	Lab	CRM	5/31/2024	Nutrient	TKN	n/a	=	478.7	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	CRM, rec	5/31/2024	Nutrient	TKN	n/a	=	83	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS	5/31/2024	Nutrient	TKN	n/a	=	2.3	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	LCS dup	5/31/2024	Nutrient	TKN	n/a	=	2.31	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	Lab	LCS dup, rec	5/31/2024	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS, rec	5/31/2024	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	80	120	
2023/24-6	Lab	LCS, RPD	5/31/2024	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	25	
2023/24-6	Lab	method blank	5/31/2024	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	ME-CC	lab duplicate	5/30/2024	Nutrient	TKN	n/a	DNQ	0.313	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-6	ME-CC	matrix spike	5/30/2024	Nutrient	TKN	n/a	=	2.713	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	ME-CC	matrix spike dup	5/30/2024	Nutrient	TKN	n/a	=	2.803	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	ME-CC	matrix spike dup, rec	5/30/2024	Nutrient	TKN	n/a	=	112	%	EPA 351.2	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, rec	5/30/2024	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	80	120	
2023/24-6	ME-CC	matrix spike, RPD	5/30/2024	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	25	
2023/24-6	ME-SCR	lab duplicate	5/31/2024	Nutrient	TKN	n/a	DNQ	0.294	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-6	ME-SCR	matrix spike	5/31/2024	Nutrient	TKN	n/a	=	2.328	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	ME-SCR	matrix spike dup	5/31/2024	Nutrient	TKN	n/a	=	2.408	mg/L	EPA 351.2	0.13	0.4			
2023/24-6	ME-SCR	matrix spike dup, rec	5/31/2024	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, rec	5/31/2024	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	80	120	
2023/24-6	ME-SCR	matrix spike, RPD	5/31/2024	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.578	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.546	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.667	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.62	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.629	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	0.686	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.566	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.52	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.656	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.597	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	1,2-Dichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.595	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	=	0.564	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	1,2-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	000NONPJ	srgt matrix spike	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.27	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.94	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	487.3	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	481.2	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	128.6	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	135.3	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.24	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.19	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.8	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.79	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	46.98	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	47.76	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	50.67	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	49.82	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	51.12	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	56.36	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	55.25	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	113	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	57.23	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.55	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	49.87	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	
2023/24-6	Lab	srgt LCS dup	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	48.97	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	49.97	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-CC	srgt environ	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.7	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	91	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-SCR	srgt environ	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	50.82	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-VR2	srgt environ	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	50.22	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-CAM	srgt environ	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.84	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt environ	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	52.78	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt travel blank	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	59.03	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt travel blank, rec	5/20/2024	Organic	1,2-Dichloroethane-d4	n/a	=	118	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-HUE	srgt environ	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	50.73	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-MEI	srgt environ	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	51.15	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-OJA	srgt environ	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	51.17	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	5/24/2024	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-SIM	srgt environ	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.79	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-THO	srgt environ	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	45.21	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	5/17/2024	Organic	1,2-Dichloroethane-d4	n/a	=	90	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-VEN	srgt environ	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	53.84	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	5/18/2024	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	method blank	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.568	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.505	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	1,3-Dichlorobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.55	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.596	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	1,3-Dichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.592	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	=	0.66	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.519	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.476	µg/L	EPA 625.1	0.01	0.05			PMQO
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	=	48	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	1,4-Dichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.61	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.566	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.661	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	=	0.621	µg/L	EPA 625.1	0.01	0.05			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt LCS	6/3/2024	Organic	2,3-D	n/a	=	5.12	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt LCS dup	6/3/2024	Organic	2,3-D	n/a	=	4.89	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/3/2024	Organic	2,3-D	n/a	=	97.9	%	EPA 615	-88	-88	53	168	
2023/24-6	Lab	srgt LCS, rec	6/3/2024	Organic	2,3-D	n/a	=	102	%	EPA 615	-88	-88	53	168	
2023/24-6	Lab	srgt method blank	6/3/2024	Organic	2,3-D	n/a	=	4.46	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/3/2024	Organic	2,3-D	n/a	=	89.3	%	EPA 615	-88	-88	53	168	
2023/24-6	Lab	srgt method blank	6/4/2024	Organic	2,3-D	n/a	=	4.085	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/4/2024	Organic	2,3-D	n/a	=	81.7	%	EPA 615	-88	-88	53	168	
2023/24-6	Lab	srgt LCS	6/4/2024	Organic	2,3-D	n/a	=	5.25	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/4/2024	Organic	2,3-D	n/a	=	105	%	EPA 615	-88	-88	53	168	
2023/24-6	Lab	srgt LCS dup	6/4/2024	Organic	2,3-D	n/a	=	5.35	µg/L	EPA 615	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/4/2024	Organic	2,3-D	n/a	=	107	%	EPA 615	-88	-88	53	168	
2023/24-6	ME-CC	srgt environ	6/6/2024	Organic	2,3-D	n/a	=	5.3	µg/L	EPA 615	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/6/2024	Organic	2,3-D	n/a	=	106	%	EPA 615	-88	-88	52.7	168	
2023/24-6	ME-SCR	srgt matrix spike	6/4/2024	Organic	2,3-D	n/a	=	4.31	µg/L	EPA 615	-88	-88			
2023/24-6	ME-SCR	srgt matrix spike, rec	6/4/2024	Organic	2,3-D	n/a	=	86.2	%	EPA 615	-88	-88	53	168	
2023/24-6	ME-SCR	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.01	µg/L	EPA 615	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	80.2	%	EPA 615	-88	-88	52.7	168	
2023/24-6	ME-VR2	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.63	µg/L	EPA 615	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	92.6	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-CAM	srgt environ	6/6/2024	Organic	2,3-D	n/a	=	5.55	µg/L	EPA 615	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/6/2024	Organic	2,3-D	n/a	=	111	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-FIL	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.54	µg/L	EPA 615	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	90.8	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-HUE	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.425	µg/L	EPA 615	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	88.5	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-MEI	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.64	µg/L	EPA 615	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	92.8	%	EPA 615	-88	-88	52.7	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	MO-OJA	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	4.58	µg/L	EPA 615	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	91.6	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-SIM	srgt environ	6/6/2024	Organic	2,3-D	n/a	=	5.2	µg/L	EPA 615	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/6/2024	Organic	2,3-D	n/a	=	104	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-THO	srgt environ	6/6/2024	Organic	2,3-D	n/a	=	5.25	µg/L	EPA 615	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/6/2024	Organic	2,3-D	n/a	=	105	%	EPA 615	-88	-88	52.7	168	
2023/24-6	MO-VEN	srgt environ	6/4/2024	Organic	2,3-D	n/a	=	5.5	µg/L	EPA 615	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/4/2024	Organic	2,3-D	n/a	=	110	%	EPA 615	-88	-88	52.7	168	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	30	130	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625.1	-88	-88	30	130	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.053	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625.1	-88	-88	30	130	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.053	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625.1	-88	-88	30	130	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	0.084	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	
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	30	130	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.735	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.604	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,4,6-Trichlorophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.6	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.538	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.546	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	=	0.578	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,4-Dichlorophenol	n/a	=	0.663	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,4-Dichlorophenol	n/a	=	0.521	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,4-Dichlorophenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,4-Dichlorophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,4-Dichlorophenol	n/a	=	0.524	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,4-Dichlorophenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,4-Dichlorophenol	n/a	=	0.558	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,4-Dichlorophenol	n/a	=	0.586	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,4-Dichlorophenol	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,4-Dichlorophenol	n/a	=	0.534	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,4-Dichlorophenol	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,4-Dimethylphenol	n/a	=	0.611	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,4-Dimethylphenol	n/a	=	0.525	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,4-Dimethylphenol	n/a	=	0.559	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,4-Dimethylphenol	n/a	=	0.51	µg/L	EPA 625.1	0.1	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	
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,4-Dimethylphenol	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,4-Dimethylphenol	n/a	=	0.549	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,4-Dimethylphenol	n/a	=	0.511	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,4-Dimethylphenol	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,4-Dinitrophenol	n/a	=	1.04	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,4-Dinitrophenol	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,4-Dinitrophenol	n/a	=	1.31	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,4-Dinitrophenol	n/a	=	23	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,4-Dinitrophenol	n/a	=	1.01	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,4-Dinitrophenol	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,4-Dinitrophenol	n/a	=	1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,4-Dinitrophenol	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,4-Dinitrophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,4-Dinitrophenol	n/a	=	1.26	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,4-Dinitrophenol	n/a	=	126	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,4-Dinitrophenol	n/a	=	1.09	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.19	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,4-Dinitrotoluene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.02	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.09	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.06	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	=	1.04	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.813	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.73	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2,6-Dinitrotoluene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.672	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.629	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.627	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	=	0.658	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	LCS	5/16/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	60.45	µg/L	EPA 624.1	0.8	5			
2023/24-6	Lab	LCS, rec	5/16/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	121	%	EPA 624.1	-88	-88	10	130	
2023/24-6	Lab	method blank	5/17/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5			
2023/24-6	Lab	LCS	5/18/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	17.55	µg/L	EPA 624.1	2.7	5			CVL
2023/24-6	Lab	LCS, rec	5/18/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	35	%	EPA 624.1	-88	-88	10	130	CVL
2023/24-6	Lab	method blank	5/18/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-6	Lab	LCS	5/20/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	26.1	µg/L	EPA 624.1	2.7	5			CVL
2023/24-6	Lab	LCS, rec	5/20/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	52	%	EPA 624.1	-88	-88	10	130	CVL
2023/24-6	Lab	method blank	5/20/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-6	Lab	LCS	5/24/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	58.64	µg/L	EPA 624.1	1.5	5			
2023/24-6	Lab	LCS, rec	5/24/2024	Organic	2-Chloroethyl vinyl ether	n/a	=	117	%	EPA 624.1	-88	-88	10	130	
2023/24-6	Lab	method blank	5/24/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5			
2023/24-6	MO-FIL	travel blank	5/20/2024	Organic	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5			
2023/24-6	Lab	method blank	6/13/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	2-Chloronaphthalene	n/a	=	0.926	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2-Chloronaphthalene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2-Chloronaphthalene	n/a	=	0.861	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2-Chloronaphthalene	n/a	=	0.574	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2-Chloronaphthalene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2-Chloronaphthalene	n/a	=	0.514	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2-Chloronaphthalene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2-Chloronaphthalene	n/a	=	0.721	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2-Chloronaphthalene	n/a	=	0.783	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS	6/13/2024	Organic	2-Chlorophenol	n/a	=	0.572	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2-Chlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2-Chlorophenol	n/a	=	0.543	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2-Chlorophenol	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2-Chlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	2-Chlorophenol	n/a	=	0.565	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2-Chlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2-Chlorophenol	n/a	=	0.518	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2-Chlorophenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2-Chlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	2-Chlorophenol	n/a	=	0.608	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2-Chlorophenol	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2-Chlorophenol	n/a	=	0.57	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2-Chlorophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2-Chlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	2-Nitrophenol	n/a	=	0.607	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	2-Nitrophenol	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	2-Nitrophenol	n/a	=	0.483	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	2-Nitrophenol	n/a	=	48	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	2-Nitrophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	2-Nitrophenol	n/a	=	0.491	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	2-Nitrophenol	n/a	=	49	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/14/2024	Organic	2-Nitrophenol	n/a	=	0.475	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	2-Nitrophenol	n/a	=	47	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	2-Nitrophenol	n/a	=	0.571	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	2-Nitrophenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	2-Nitrophenol	n/a	=	0.511	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	2-Nitrophenol	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	2-Nitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.337	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	34	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.429	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	43	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	29	%	EPA 625.1	-88	-88	0	25	PMQO
2023/24-6	Lab	method blank	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.355	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	35	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.202	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	20	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	55	%	EPA 625.1	-88	-88	0	25	PMQO

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	method blank	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.708	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	0.644	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	3,3'-Dichlorobenzidine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.06	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.23	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	123	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.05	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.14	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	000NONPJ	srgt matrix spike	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	48.04	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	48.05	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	496.8	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	503.6	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	126.3	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	126.7	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	49.89	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	50.04	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	46.59	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	47.92	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	48.19	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	46.05	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	
2023/24-6	Lab	srgt method blank, rec	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	51.06	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	49.85	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	51.17	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	51.02	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	52.23	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	52.45	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	50.75	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	50.62	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	51.51	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-CC	srgt environ	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	47.47	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-SCR	srgt environ	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	51.84	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-VR2	srgt environ	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	52.02	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-CAM	srgt environ	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	47.81	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt environ	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	51.47	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt travel blank	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	52.15	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt travel blank, rec	5/20/2024	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-HUE	srgt environ	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	50.91	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-MEI	srgt environ	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	51.06	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-OJA	srgt environ	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	49.11	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	5/24/2024	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-SIM	srgt environ	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	46.53	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-THO	srgt environ	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	46.78	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	5/17/2024	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-VEN	srgt environ	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	51.49	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	5/18/2024	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	method blank	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.982	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.889	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.89	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.804	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.785	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	0.838	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.726	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.639	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.638	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.604	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.626	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	=	0.652	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.925	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.771	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.777	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.681	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.685	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.769	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	4-Nitrophenol	n/a	=	0.852	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	4-Nitrophenol	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	4-Nitrophenol	n/a	=	0.79	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	4-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	4-Nitrophenol	n/a	=	0.746	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	4-Nitrophenol	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	4-Nitrophenol	n/a	=	0.743	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	4-Nitrophenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	4-Nitrophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	4-Nitrophenol	n/a	=	0.729	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup	6/16/2024	Organic	4-Nitrophenol	n/a	=	0.774	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	4-Nitrophenol	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	4-Nitrophenol	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	4-Nitrophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Acenaphthene	n/a	=	1.06	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Acenaphthene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Acenaphthene	n/a	=	0.972	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Acenaphthene	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Acenaphthene	n/a	=	0.997	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Acenaphthene	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Acenaphthene	n/a	=	0.848	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Acenaphthene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Acenaphthene	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Acenaphthene	n/a	=	0.86	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Acenaphthene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Acenaphthene	n/a	=	1	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Acenaphthene	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Acenaphthene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	58	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	73	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	58	%	EPA 625.1	-88	-88	27	133	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Acenaphthene-d10	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Acenaphthene-d10	n/a	=	51	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Acenaphthene-d10	n/a	=	0.06	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Acenaphthene-d10	n/a	=	60	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Acenaphthene-d10	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Acenaphthene-d10	n/a	=	51	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	57	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	52	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.059	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	59	%	EPA 625.1	-88	-88	27	133	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	67	%	EPA 625.1	-88	-88	27	133	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Acenaphthene-d10	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Acenaphthene-d10	n/a	=	52	%	EPA 625.1	-88	-88	27	133	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.059	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	59	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	61	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Acenaphthene-d10	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Acenaphthene-d10	n/a	=	61	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	63	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	65	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Acenaphthene-d10	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Acenaphthene-d10	n/a	=	69	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	46	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Acenaphthene-d10	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Acenaphthene-d10	n/a	=	52	%	EPA 625.1	-88	-88	27	133	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Acenaphthene-d10	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Acenaphthene-d10	n/a	=	68	%	EPA 625.1	-88	-88	27	133	
2023/24-6	Lab	method blank	6/13/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Acenaphthylene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Acenaphthylene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Acenaphthylene	n/a	=	1.03	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Acenaphthylene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Acenaphthylene	n/a	=	23	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Acenaphthylene	n/a	=	1.04	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Acenaphthylene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Acenaphthylene	n/a	=	0.903	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Acenaphthylene	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Acenaphthylene	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-6	Lab	LCS	6/16/2024	Organic	Acenaphthylene	n/a	=	0.918	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Acenaphthylene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Acenaphthylene	n/a	=	1.06	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Acenaphthylene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Acenaphthylene	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Anthracene	n/a	=	1.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Anthracene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Anthracene	n/a	=	1.51	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Anthracene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Anthracene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Anthracene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Anthracene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Anthracene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Anthracene	n/a	=	1.35	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Anthracene	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Anthracene	n/a	=	1.41	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benz(a)anthracene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benz(a)anthracene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benz(a)anthracene	n/a	=	1.56	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benz(a)anthracene	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benz(a)anthracene	n/a	=	1.32	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benz(a)anthracene	n/a	=	1.55	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benz(a)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benz(a)anthracene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benz(a)anthracene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benz(a)anthracene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benzidine	n/a	=	0.321	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benzidine	n/a	=	32	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benzidine	n/a	=	0.241	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benzidine	n/a	=	24	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benzidine	n/a	=	29	%	EPA 625.1	-88	-88	0	25	PMQO

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benzidine	n/a	=	0.26	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benzidine	n/a	=	26	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benzidine	n/a	=	0.203	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benzidine	n/a	=	20	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benzidine	n/a	=	26	%	EPA 625.1	-88	-88	0	25	PMQO
2023/24-6	Lab	method blank	6/16/2024	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benzidine	n/a	=	0.212	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benzidine	n/a	=	21	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benzidine	n/a	=	0.195	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benzidine	n/a	=	19	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benzidine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benzo(a)pyrene	n/a	=	1.15	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benzo(a)pyrene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benzo(a)pyrene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benzo(a)pyrene	n/a	=	1.2	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benzo(a)pyrene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benzo(a)pyrene	n/a	=	1.21	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benzo(a)pyrene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benzo(a)pyrene	n/a	=	1.57	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benzo(a)pyrene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benzo(a)pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.21	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.62	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benzo(b)fluoranthene	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.56	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benzo(b)fluoranthene	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.42	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.48	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.32	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	=	1.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.62	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.68	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.55	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.54	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	=	1.54	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Benzo(k)fluoranthene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.689	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.543	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	24	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.568	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.52	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.534	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.583	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.679	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.652	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.701	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.653	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.649	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	0.697	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.853	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.862	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.679	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.709	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.523	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.495	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Bis(2-chloroisopropyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0312	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.6	µg/L	EPA 625.1	0.01	0.02			EUM,IP
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	157	%	EPA 625.1	-88	-88	50	150	EUM,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	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.18	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	31	%	EPA 625.1	-88	-88	0	25	IL,IP
2023/24-6	Lab	method blank	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0277	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.03	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0246	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.987	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.07	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	0.0239	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	1.65	µg/L	EPA 625.1	0.01	0.02			EUM,IP
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	163	%	EPA 625.1	-88	-88	50	150	EUM,IP
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	1.29	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	127	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Butyl benzyl phthalate	n/a	=	25	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	0.0343	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	1.23	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	123	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	1.14	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	112	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Butyl benzyl phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	0.0206	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	1.11	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	109	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	1.26	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	124	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Butyl benzyl phthalate	n/a	=	13	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/13/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Chrysene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Chrysene	n/a	=	1.54	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Chrysene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Chrysene	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Chrysene	n/a	=	1.25	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Chrysene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Chrysene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Chrysene	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Chrysene	n/a	=	1.43	µg/L	EPA 625.1	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	
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Chrysene	n/a	=	1.37	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Chrysene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Chrysene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	97	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Chrysene-d12	n/a	=	0.111	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	111	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Chrysene-d12	n/a	=	0.095	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	95	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Chrysene-d12	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Chrysene-d12	n/a	=	96	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Chrysene-d12	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Chrysene-d12	n/a	=	102	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Chrysene-d12	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Chrysene-d12	n/a	=	83	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Chrysene-d12	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	107	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Chrysene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	92	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Chrysene-d12	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	103	%	EPA 625.1	-88	-88	52	144	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Chrysene-d12	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	106	%	EPA 625.1	-88	-88	52	144	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Chrysene-d12	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Chrysene-d12	n/a	=	63	%	EPA 625.1	-88	-88	52	144	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Chrysene-d12	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	83	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Chrysene-d12	n/a	=	0.103	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	103	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Chrysene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Chrysene-d12	n/a	=	81	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Chrysene-d12	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	77	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Chrysene-d12	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	77	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Chrysene-d12	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Chrysene-d12	n/a	=	78	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Chrysene-d12	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	85	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Chrysene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Chrysene-d12	n/a	=	90	%	EPA 625.1	-88	-88	52	144	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Chrysene-d12	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Chrysene-d12	n/a	=	72	%	EPA 625.1	-88	-88	52	144	
2023/24-6	Lab	method blank	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.2	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Dibenz(a,h)anthracene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.16	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.31	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Dibenz(a,h)anthracene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	=	1.19	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	000NONPJ	srgt matrix spike	5/16/2024	Organic	Dibromofluoromethane	n/a	=	47.67	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/16/2024	Organic	Dibromofluoromethane	n/a	=	47.68	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/16/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/16/2024	Organic	Dibromofluoromethane	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/18/2024	Organic	Dibromofluoromethane	n/a	=	478.3	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/18/2024	Organic	Dibromofluoromethane	n/a	=	478.7	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/20/2024	Organic	Dibromofluoromethane	n/a	=	126.8	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/20/2024	Organic	Dibromofluoromethane	n/a	=	132	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	106	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.48	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.48	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	Dibromofluoromethane	n/a	=	48.15	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	Dibromofluoromethane	n/a	=	48.19	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/16/2024	Organic	Dibromofluoromethane	n/a	=	48.26	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/16/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/17/2024	Organic	Dibromofluoromethane	n/a	=	96	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/17/2024	Organic	Dibromofluoromethane	n/a	=	48	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	Dibromofluoromethane	n/a	=	48	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	Dibromofluoromethane	n/a	=	50.08	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	96	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/18/2024	Organic	Dibromofluoromethane	n/a	=	48.32	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	Dibromofluoromethane	n/a	=	51.74	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	Dibromofluoromethane	n/a	=	51.27	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	
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/20/2024	Organic	Dibromofluoromethane	n/a	=	53.31	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	107	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	Dibromofluoromethane	n/a	=	49.73	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.33	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/24/2024	Organic	Dibromofluoromethane	n/a	=	49.84	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.39	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-CC	srgt environ	5/17/2024	Organic	Dibromofluoromethane	n/a	=	49.28	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	5/17/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-SCR	srgt environ	5/18/2024	Organic	Dibromofluoromethane	n/a	=	48.34	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-VR2	srgt environ	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.32	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-CAM	srgt environ	5/17/2024	Organic	Dibromofluoromethane	n/a	=	48.94	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	5/17/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt environ	5/18/2024	Organic	Dibromofluoromethane	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt travel blank	5/20/2024	Organic	Dibromofluoromethane	n/a	=	54.64	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt travel blank, rec	5/20/2024	Organic	Dibromofluoromethane	n/a	=	109	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-HUE	srgt environ	5/24/2024	Organic	Dibromofluoromethane	n/a	=	52.11	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	104	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-MEI	srgt environ	5/24/2024	Organic	Dibromofluoromethane	n/a	=	51.63	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-OJA	srgt environ	5/24/2024	Organic	Dibromofluoromethane	n/a	=	50.58	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	5/24/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-SIM	srgt environ	5/17/2024	Organic	Dibromofluoromethane	n/a	=	48.8	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	5/17/2024	Organic	Dibromofluoromethane	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-THO	srgt environ	5/17/2024	Organic	Dibromofluoromethane	n/a	=	48.42	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	5/17/2024	Organic	Dibromofluoromethane	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-VEN	srgt environ	5/18/2024	Organic	Dibromofluoromethane	n/a	=	50.26	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	5/18/2024	Organic	Dibromofluoromethane	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	method blank	6/13/2024	Organic	Diethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/13/2024	Organic	Diethyl phthalate	n/a	=	1.14	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Diethyl phthalate	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Diethyl phthalate	n/a	=	0.96	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Diethyl phthalate	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Diethyl phthalate	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Diethyl phthalate	n/a	=	0.055	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/14/2024	Organic	Diethyl phthalate	n/a	=	1.02	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Diethyl phthalate	n/a	=	102	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Diethyl phthalate	n/a	=	0.837	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Diethyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	50	150	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	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Diethyl phthalate	n/a	=	19	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/16/2024	Organic	Diethyl phthalate	n/a	=	0.0558	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/16/2024	Organic	Diethyl phthalate	n/a	=	0.843	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Diethyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Diethyl phthalate	n/a	=	0.948	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Diethyl phthalate	n/a	=	95	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Diethyl phthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/13/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/13/2024	Organic	Dimethyl phthalate	n/a	=	0.905	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Dimethyl phthalate	n/a	=	0.739	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Dimethyl phthalate	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/14/2024	Organic	Dimethyl phthalate	n/a	=	0.735	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Dimethyl phthalate	n/a	=	0.607	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Dimethyl phthalate	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Dimethyl phthalate	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/16/2024	Organic	Dimethyl phthalate	n/a	=	0.632	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Dimethyl phthalate	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Dimethyl phthalate	n/a	=	0.722	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Dimethyl phthalate	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Dimethyl phthalate	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	0.0203	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	1.49	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	147	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	1.05	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	103	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Di-n-butylphthalate	n/a	=	35	%	EPA 625.1	-88	-88	0	25	IL,IP
2023/24-6	Lab	method blank	6/14/2024	Organic	Di-n-butylphthalate	n/a	DNQ	0.0113	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/14/2024	Organic	Di-n-butylphthalate	n/a	=	1.39	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Di-n-butylphthalate	n/a	=	138	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Di-n-butylphthalate	n/a	=	0.917	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Di-n-butylphthalate	n/a	=	41	%	EPA 625.1	-88	-88	0	25	IL,IP
2023/24-6	Lab	method blank	6/16/2024	Organic	Di-n-butylphthalate	n/a	DNQ	0.0113	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS	6/16/2024	Organic	Di-n-butylphthalate	n/a	=	0.93	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Di-n-butylphthalate	n/a	=	1.12	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Di-n-butylphthalate	n/a	=	111	%	EPA 625.1	-88	-88	50	150	IP
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Di-n-butylphthalate	n/a	=	19	%	EPA 625.1	-88	-88	0	25	IP
2023/24-6	Lab	method blank	6/13/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/13/2024	Organic	Di-n-octylphthalate	n/a	=	0.825	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Di-n-octylphthalate	n/a	=	0.76	µg/L	EPA 625.1	0.01	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	
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Di-n-octylphthalate	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/14/2024	Organic	Di-n-octylphthalate	n/a	=	1.65	µg/L	EPA 625.1	0.01	0.02			EUM
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Di-n-octylphthalate	n/a	=	165	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Di-n-octylphthalate	n/a	=	1.38	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Di-n-octylphthalate	n/a	=	138	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Di-n-octylphthalate	n/a	=	18	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS	6/16/2024	Organic	Di-n-octylphthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Di-n-octylphthalate	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Di-n-octylphthalate	n/a	=	1.08	µg/L	EPA 625.1	0.01	0.02			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Fluoranthene	n/a	=	1.79	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Fluoranthene	n/a	=	1.8	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Fluoranthene	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Fluoranthene	n/a	=	1.72	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Fluoranthene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Fluoranthene	n/a	=	1.6	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Fluoranthene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Fluoranthene	n/a	=	1.6	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Fluoranthene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Fluoranthene	n/a	=	1.66	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Fluoranthene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Fluorene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Fluorene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Fluorene	n/a	=	1.16	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Fluorene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Fluorene	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Fluorene	n/a	=	1.17	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Fluorene	n/a	=	1.03	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Fluorene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Fluorene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Fluorene	n/a	=	1.04	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Fluorene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Fluorene	n/a	=	1.16	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Fluorene	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Hexachlorobenzene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Hexachlorobenzene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Hexachlorobenzene	n/a	=	1.103	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Hexachlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Hexachlorobenzene	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Hexachlorobenzene	n/a	=	1.23	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Hexachlorobenzene	n/a	=	1.361	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Hexachlorobenzene	n/a	=	1.312	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Hexachlorobenzene	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Hexachlorobenzene	n/a	=	1.1	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Hexachlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Hexachlorobenzene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Hexachlorobutadiene	n/a	=	0.893	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Hexachlorobutadiene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Hexachlorobutadiene	n/a	=	0.848	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Hexachlorobutadiene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Hexachlorobutadiene	n/a	=	0.875	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Hexachlorobutadiene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Hexachlorobutadiene	n/a	=	0.814	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Hexachlorobutadiene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Hexachlorobutadiene	n/a	=	0.725	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Hexachlorobutadiene	n/a	=	0.784	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.823	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.82	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.695	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.735	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Hexachlorocyclopentadiene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.514	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	=	0.588	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Hexachlorocyclopentadiene	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Hexachloroethane	n/a	=	0.54	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Hexachloroethane	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Hexachloroethane	n/a	=	0.592	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Hexachloroethane	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Hexachloroethane	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Hexachloroethane	n/a	=	0.846	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Hexachloroethane	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Hexachloroethane	n/a	=	0.865	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Hexachloroethane	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Hexachloroethane	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Hexachloroethane	n/a	=	0.57	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Hexachloroethane	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Hexachloroethane	n/a	=	0.636	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Hexachloroethane	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Hexachloroethane	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.64	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.27	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.44	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.28	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.19	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS	6/13/2024	Organic	Isophorone	n/a	=	0.571	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Isophorone	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Isophorone	n/a	=	0.533	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Isophorone	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Isophorone	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Isophorone	n/a	=	0.636	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Isophorone	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Isophorone	n/a	=	0.57	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Isophorone	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Isophorone	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Isophorone	n/a	=	0.385	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Isophorone	n/a	=	38	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Isophorone	n/a	=	0.46	µg/L	EPA 625.1	0.05	0.1			PMQO
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Isophorone	n/a	=	46	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Isophorone	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	000NONPJ	matrix spike	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	55.29	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	000NONPJ	matrix spike, rec	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	111	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike dup	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	55.32	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	000NONPJ	matrix spike dup, rec	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	111	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike, RPD	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0	%	EPA 624.1	-88	-88	0	30	
2023/24-6	000NONPJ	matrix spike	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	396.2	µg/L	EPA 624.1	0.7	5			
2023/24-6	000NONPJ	matrix spike, rec	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	79	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike dup	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	425.9	µg/L	EPA 624.1	0.7	5			
2023/24-6	000NONPJ	matrix spike dup, rec	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	85	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike, RPD	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	7	%	EPA 624.1	-88	-88	0	30	
2023/24-6	000NONPJ	matrix spike	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102.7	µg/L	EPA 624.1	0.2	1.25			
2023/24-6	000NONPJ	matrix spike, rec	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	82	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike dup	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98.13	µg/L	EPA 624.1	0.2	1.25			
2023/24-6	000NONPJ	matrix spike dup, rec	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	79	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike, RPD	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5	%	EPA 624.1	-88	-88	0	30	
2023/24-6	000NONPJ	matrix spike	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.85	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	000NONPJ	matrix spike, rec	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike dup	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47.73	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	000NONPJ	matrix spike dup, rec	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	95	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	matrix spike, RPD	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6	%	EPA 624.1	-88	-88	0	30	
2023/24-6	Lab	LCS	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	54.37	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	Lab	LCS, rec	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	109	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	LCS dup	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	54.9	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	Lab	LCS dup, rec	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	110	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/16/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	1	%	EPA 624.1	-88	-88	0	30	
2023/24-6	Lab	method blank	5/17/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	Lab	LCS	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	45.83	µg/L	EPA 624.1	0.07	0.5			
2023/24-6	Lab	LCS, rec	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	method blank	5/18/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5			
2023/24-6	Lab	LCS	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	46.21	µg/L	EPA 624.1	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	
2023/24-6	Lab	LCS, rec	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	92	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	method blank	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5			
2023/24-6	Lab	LCS	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.11	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	Lab	LCS, rec	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	LCS dup	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.37	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	Lab	LCS dup, rec	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	97	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	LCS, RPD	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624.1	-88	-88	0	30	
2023/24-6	Lab	method blank	5/24/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5			
2023/24-6	MO-FIL	travel blank	5/20/2024	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5			
2023/24-6	Lab	method blank	6/13/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Naphthalene	n/a	=	0.95	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Naphthalene	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Naphthalene	n/a	=	0.776	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Naphthalene	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Naphthalene	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Naphthalene	n/a	=	0.831	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Naphthalene	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Naphthalene	n/a	=	0.733	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Naphthalene	n/a	=	49	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Naphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Naphthalene	n/a	=	0.74	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Naphthalene	n/a	=	49	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Naphthalene	n/a	=	0.868	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Naphthalene	n/a	=	58	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Naphthalene	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	50	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.064	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	64	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	47	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Naphthalene-d8	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Naphthalene-d8	n/a	=	46	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Naphthalene-d8	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Naphthalene-d8	n/a	=	51	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Naphthalene-d8	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Naphthalene-d8	n/a	=	54	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	54	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	46	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.053	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	53	%	EPA 625.1	-88	-88	25	125	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	71	%	EPA 625.1	-88	-88	25	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	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Naphthalene-d8	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Naphthalene-d8	n/a	=	46	%	EPA 625.1	-88	-88	25	125	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	41	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	51	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Naphthalene-d8	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Naphthalene-d8	n/a	=	51	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	46	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	58	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Naphthalene-d8	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Naphthalene-d8	n/a	=	54	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.039	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	39	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Naphthalene-d8	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Naphthalene-d8	n/a	=	40	%	EPA 625.1	-88	-88	25	125	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Naphthalene-d8	n/a	=	0.06	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Naphthalene-d8	n/a	=	60	%	EPA 625.1	-88	-88	25	125	
2023/24-6	Lab	method blank	6/13/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	Nitrobenzene	n/a	=	0.618	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Nitrobenzene	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Nitrobenzene	n/a	=	0.512	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Nitrobenzene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Nitrobenzene	n/a	=	19	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	Nitrobenzene	n/a	=	0.586	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Nitrobenzene	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Nitrobenzene	n/a	=	0.565	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Nitrobenzene	n/a	=	56	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Nitrobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	Nitrobenzene	n/a	=	0.568	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Nitrobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Nitrobenzene	n/a	=	0.514	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Nitrobenzene	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Nitrobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.495	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.521	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.758	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	=	76	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.721	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.731	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	=	0.639	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.656	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.574	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.548	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.522	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.572	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.535	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.969	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.956	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.902	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.891	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.857	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	=	0.87	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Perylene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Perylene-d12	n/a	=	97	%	EPA 625.1	-88	-88	36	161	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Perylene-d12	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Perylene-d12	n/a	=	97	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Perylene-d12	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Perylene-d12	n/a	=	98	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Perylene-d12	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Perylene-d12	n/a	=	106	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Perylene-d12	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Perylene-d12	n/a	=	96	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Perylene-d12	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Perylene-d12	n/a	=	90	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Perylene-d12	n/a	=	0.106	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Perylene-d12	n/a	=	106	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Perylene-d12	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Perylene-d12	n/a	=	89	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Perylene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Perylene-d12	n/a	=	92	%	EPA 625.1	-88	-88	36	161	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Perylene-d12	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Perylene-d12	n/a	=	92	%	EPA 625.1	-88	-88	36	161	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Perylene-d12	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Perylene-d12	n/a	=	70	%	EPA 625.1	-88	-88	36	161	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Perylene-d12	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Perylene-d12	n/a	=	86	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Perylene-d12	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Perylene-d12	n/a	=	91	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Perylene-d12	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Perylene-d12	n/a	=	82	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Perylene-d12	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Perylene-d12	n/a	=	81	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Perylene-d12	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Perylene-d12	n/a	=	80	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Perylene-d12	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Perylene-d12	n/a	=	78	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Perylene-d12	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Perylene-d12	n/a	=	88	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Perylene-d12	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Perylene-d12	n/a	=	93	%	EPA 625.1	-88	-88	36	161	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Perylene-d12	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Perylene-d12	n/a	=	61	%	EPA 625.1	-88	-88	36	161	
2023/24-6	Lab	method blank	6/13/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Phenanthrene	n/a	=	1.49	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Phenanthrene	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Phenanthrene	n/a	=	1.4	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Phenanthrene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Phenanthrene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Phenanthrene	n/a	=	1.38	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Phenanthrene	n/a	=	92	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Phenanthrene	n/a	=	1.29	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Phenanthrene	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Phenanthrene	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Phenanthrene	n/a	=	1.26	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Phenanthrene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Phenanthrene	n/a	=	1.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Phenanthrene	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Phenanthrene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	92	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	96	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Phenanthrene-d10	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Phenanthrene-d10	n/a	=	84	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Phenanthrene-d10	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Phenanthrene-d10	n/a	=	91	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Phenanthrene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Phenanthrene-d10	n/a	=	85	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	85	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	88	%	EPA 625.1	-88	-88	43	129	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	89	%	EPA 625.1	-88	-88	43	129	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Phenanthrene-d10	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Phenanthrene-d10	n/a	=	67	%	EPA 625.1	-88	-88	43	129	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	68	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	90	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Phenanthrene-d10	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Phenanthrene-d10	n/a	=	75	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	76	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	65	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Phenanthrene-d10	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Phenanthrene-d10	n/a	=	75	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	81	%	EPA 625.1	-88	-88	43	129	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625.1	-88	-88	43	129	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Phenanthrene-d10	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Phenanthrene-d10	n/a	=	70	%	EPA 625.1	-88	-88	43	129	
2023/24-6	Lab	method blank	6/13/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/13/2024	Organic	Phenol	n/a	=	0.547	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Phenol	n/a	=	55	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Phenol	n/a	=	0.519	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Phenol	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/14/2024	Organic	Phenol	n/a	=	0.468	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Phenol	n/a	=	47	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Phenol	n/a	=	0.417	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Phenol	n/a	=	42	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Phenol	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS	6/16/2024	Organic	Phenol	n/a	=	0.386	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Phenol	n/a	=	39	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Phenol	n/a	=	0.449	µg/L	EPA 625.1	0.1	0.2			PMQO
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Phenol	n/a	=	45	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Phenol-d5	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Phenol-d5	n/a	=	0.04	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Phenol-d5	n/a	=	0.038	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Phenol-d5	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Phenol-d5	n/a	=	46	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Phenol-d5	n/a	=	0.054	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Phenol-d5	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Phenol-d5	n/a	=	55	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Phenol-d5	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Phenol-d5	n/a	=	66	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Phenol-d5	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Phenol-d5	n/a	=	52	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Phenol-d5	n/a	=	0.064	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Phenol-d5	n/a	=	64	%	EPA 625.1	-88	-88	0	130	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Phenol-d5	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Phenol-d5	n/a	=	78	%	EPA 625.1	-88	-88	0	130	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Phenol-d5	n/a	=	0.046	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Phenol-d5	n/a	=	46	%	EPA 625.1	-88	-88	0	130	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Phenol-d5	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Phenol-d5	n/a	=	57	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Phenol-d5	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Phenol-d5	n/a	=	70	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Phenol-d5	n/a	=	0.054	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	
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Phenol-d5	n/a	=	54	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Phenol-d5	n/a	=	0.076	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Phenol-d5	n/a	=	76	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Phenol-d5	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Phenol-d5	n/a	=	52	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Phenol-d5	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Phenol-d5	n/a	=	71	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Phenol-d5	n/a	=	0.057	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Phenol-d5	n/a	=	57	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Phenol-d5	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Phenol-d5	n/a	=	52	%	EPA 625.1	-88	-88	0	130	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Phenol-d5	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Phenol-d5	n/a	=	72	%	EPA 625.1	-88	-88	0	130	
2023/24-6	Lab	method blank	6/13/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Organic	Pyrene	n/a	=	1.81	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Organic	Pyrene	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Organic	Pyrene	n/a	=	1.81	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Organic	Pyrene	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Organic	Pyrene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Organic	Pyrene	n/a	=	1.73	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Organic	Pyrene	n/a	=	115	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Organic	Pyrene	n/a	=	1.58	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Organic	Pyrene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Organic	Pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Organic	Pyrene	n/a	=	1.57	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Organic	Pyrene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Organic	Pyrene	n/a	=	1.67	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Organic	Pyrene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Organic	Pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	srgt method blank	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt LCS	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt LCS dup	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt method blank	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.05	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt LCS	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt LCS dup	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt method blank	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 625.1	-88	-88	6	124	
2023/24-6	Lab	srgt LCS	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.051	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 625.1	-88	-88	6	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt LCS dup	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 625.1	-88	-88	6	124	
2023/24-6	ME-CC	srgt environ	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.048	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 625.1	-88	-88	6	124	
2023/24-6	ME-SCR	srgt environ	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 625.1	-88	-88	6	124	
2023/24-6	ME-VR2	srgt environ	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.047	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-CAM	srgt environ	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.041	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-FIL	srgt environ	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-HUE	srgt environ	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.056	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-MEI	srgt environ	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.061	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-OJA	srgt environ	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-SIM	srgt environ	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.024	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	24	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-THO	srgt environ	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.028	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	28	%	EPA 625.1	-88	-88	6	124	
2023/24-6	MO-VEN	srgt environ	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 625.1	-88	-88	6	124	
2023/24-6	000NONPJ	srgt matrix spike	5/16/2024	Organic	Toluene-d8	n/a	=	50.84	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/16/2024	Organic	Toluene-d8	n/a	=	50.96	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/16/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/16/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/18/2024	Organic	Toluene-d8	n/a	=	500.7	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/18/2024	Organic	Toluene-d8	n/a	=	513.6	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/18/2024	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/18/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/20/2024	Organic	Toluene-d8	n/a	=	125.7	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/20/2024	Organic	Toluene-d8	n/a	=	124.4	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/20/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/20/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike	5/24/2024	Organic	Toluene-d8	n/a	=	50.65	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup	5/24/2024	Organic	Toluene-d8	n/a	=	51.45	µg/L	EPA 624.1	-88	-88			
2023/24-6	000NONPJ	srgt matrix spike dup, rec	5/24/2024	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	70	130	
2023/24-6	000NONPJ	srgt matrix spike, rec	5/24/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	Toluene-d8	n/a	=	49.77	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/16/2024	Organic	Toluene-d8	n/a	=	50.18	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/16/2024	Organic	Toluene-d8	n/a	=	51.19	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/16/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/16/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/17/2024	Organic	Toluene-d8	n/a	=	50.77	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	
2023/24-6	Lab	srgt method blank, rec	5/17/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	Toluene-d8	n/a	=	50.62	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/18/2024	Organic	Toluene-d8	n/a	=	49.93	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/18/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/18/2024	Organic	Toluene-d8	n/a	=	49.75	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/18/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/20/2024	Organic	Toluene-d8	n/a	=	50.37	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/20/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/20/2024	Organic	Toluene-d8	n/a	=	49.39	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/20/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	Toluene-d8	n/a	=	52.43	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS	5/24/2024	Organic	Toluene-d8	n/a	=	52.69	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup	5/24/2024	Organic	Toluene-d8	n/a	=	50.67	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	5/24/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	Toluene-d8	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt LCS, rec	5/24/2024	Organic	Toluene-d8	n/a	=	105	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	5/24/2024	Organic	Toluene-d8	n/a	=	50.79	µg/L	EPA 624.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	5/24/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-CC	srgt environ	5/17/2024	Organic	Toluene-d8	n/a	=	49.98	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	5/17/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-SCR	srgt environ	5/18/2024	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	5/18/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	ME-VR2	srgt environ	5/24/2024	Organic	Toluene-d8	n/a	=	50.96	µg/L	EPA 624.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	5/24/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-CAM	srgt environ	5/17/2024	Organic	Toluene-d8	n/a	=	49.46	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	5/17/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt environ	5/18/2024	Organic	Toluene-d8	n/a	=	49.58	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	5/18/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-FIL	srgt travel blank	5/20/2024	Organic	Toluene-d8	n/a	=	49.43	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-FIL	srgt travel blank, rec	5/20/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-HUE	srgt environ	5/24/2024	Organic	Toluene-d8	n/a	=	50.45	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	5/24/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-MEI	srgt environ	5/24/2024	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	5/24/2024	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-OJA	srgt environ	5/24/2024	Organic	Toluene-d8	n/a	=	50.35	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	5/24/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-SIM	srgt environ	5/17/2024	Organic	Toluene-d8	n/a	=	50.16	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	5/17/2024	Organic	Toluene-d8	n/a	=	100	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-THO	srgt environ	5/17/2024	Organic	Toluene-d8	n/a	=	50.28	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	5/17/2024	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	70	130	
2023/24-6	MO-VEN	srgt environ	5/18/2024	Organic	Toluene-d8	n/a	=	49.54	µg/L	EPA 624.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	5/18/2024	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	70	130	
2023/24-6	Lab	srgt method blank	6/13/2024	PCB	PCB 030	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	PCB	PCB 030	n/a	=	81	%	EPA 625.1	-88	-88	52	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt LCS	6/13/2024	PCB	PCB 030	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	PCB	PCB 030	n/a	=	77	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt LCS	6/13/2024	PCB	PCB 030	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	PCB	PCB 030	n/a	=	70	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt method blank	6/14/2024	PCB	PCB 030	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	PCB	PCB 030	n/a	=	83	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt LCS	6/14/2024	PCB	PCB 030	n/a	=	0.067	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	PCB	PCB 030	n/a	=	67	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt LCS dup	6/14/2024	PCB	PCB 030	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt method blank	6/16/2024	PCB	PCB 030	n/a	=	0.074	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	PCB	PCB 030	n/a	=	74	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt LCS	6/16/2024	PCB	PCB 030	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	PCB	PCB 030	n/a	=	65	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt LCS dup	6/16/2024	PCB	PCB 030	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	PCB	PCB 030	n/a	=	73	%	EPA 625.1	-88	-88	52	124	
2023/24-6	ME-CC	srgt environ	6/13/2024	PCB	PCB 030	n/a	=	0.063	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	PCB	PCB 030	n/a	=	63	%	EPA 625.1	-88	-88	52	124	
2023/24-6	ME-SCR	srgt environ	6/15/2024	PCB	PCB 030	n/a	=	0.07	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	PCB	PCB 030	n/a	=	70	%	EPA 625.1	-88	-88	52	124	
2023/24-6	ME-VR2	srgt environ	6/16/2024	PCB	PCB 030	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	PCB	PCB 030	n/a	=	81	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-CAM	srgt environ	6/13/2024	PCB	PCB 030	n/a	=	0.055	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	PCB	PCB 030	n/a	=	55	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-FIL	srgt environ	6/15/2024	PCB	PCB 030	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	PCB	PCB 030	n/a	=	82	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-HUE	srgt environ	6/16/2024	PCB	PCB 030	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	PCB	PCB 030	n/a	=	88	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-MEI	srgt environ	6/16/2024	PCB	PCB 030	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	PCB	PCB 030	n/a	=	82	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-OJA	srgt environ	6/16/2024	PCB	PCB 030	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-SIM	srgt environ	6/13/2024	PCB	PCB 030	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-THO	srgt environ	6/13/2024	PCB	PCB 030	n/a	=	0.071	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	PCB	PCB 030	n/a	=	71	%	EPA 625.1	-88	-88	52	124	
2023/24-6	MO-VEN	srgt environ	6/15/2024	PCB	PCB 030	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	PCB	PCB 030	n/a	=	78	%	EPA 625.1	-88	-88	52	124	
2023/24-6	Lab	srgt method blank	6/13/2024	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS	6/13/2024	PCB	PCB 112	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	PCB	PCB 112	n/a	=	93	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS dup	6/13/2024	PCB	PCB 112	n/a	=	0.085	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	PCB	PCB 112	n/a	=	85	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt method blank	6/14/2024	PCB	PCB 112	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	PCB	PCB 112	n/a	=	80	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS	6/14/2024	PCB	PCB 112	n/a	=	0.082	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	
2023/24-6	Lab	srgt LCS, rec	6/14/2024	PCB	PCB 112	n/a	=	82	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS dup	6/14/2024	PCB	PCB 112	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	PCB	PCB 112	n/a	=	75	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt method blank	6/16/2024	PCB	PCB 112	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	PCB	PCB 112	n/a	=	89	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS	6/16/2024	PCB	PCB 112	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	PCB	PCB 112	n/a	=	87	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt LCS dup	6/16/2024	PCB	PCB 112	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	PCB	PCB 112	n/a	=	88	%	EPA 625.1	-88	-88	49	133	
2023/24-6	ME-CC	srgt environ	6/13/2024	PCB	PCB 112	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	PCB	PCB 112	n/a	=	80	%	EPA 625.1	-88	-88	49	133	
2023/24-6	ME-SCR	srgt environ	6/15/2024	PCB	PCB 112	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	PCB	PCB 112	n/a	=	100	%	EPA 625.1	-88	-88	49	133	
2023/24-6	ME-VR2	srgt environ	6/16/2024	PCB	PCB 112	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	PCB	PCB 112	n/a	=	77	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-CAM	srgt environ	6/13/2024	PCB	PCB 112	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	PCB	PCB 112	n/a	=	73	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-FIL	srgt environ	6/15/2024	PCB	PCB 112	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	PCB	PCB 112	n/a	=	79	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-HUE	srgt environ	6/16/2024	PCB	PCB 112	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	PCB	PCB 112	n/a	=	81	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-MEI	srgt environ	6/16/2024	PCB	PCB 112	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	PCB	PCB 112	n/a	=	79	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-OJA	srgt environ	6/16/2024	PCB	PCB 112	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	PCB	PCB 112	n/a	=	69	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-SIM	srgt environ	6/13/2024	PCB	PCB 112	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	PCB	PCB 112	n/a	=	79	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-THO	srgt environ	6/13/2024	PCB	PCB 112	n/a	=	0.08	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	PCB	PCB 112	n/a	=	80	%	EPA 625.1	-88	-88	49	133	
2023/24-6	MO-VEN	srgt environ	6/15/2024	PCB	PCB 112	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	PCB	PCB 112	n/a	=	88	%	EPA 625.1	-88	-88	49	133	
2023/24-6	Lab	srgt method blank	6/13/2024	PCB	PCB 198	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/13/2024	PCB	PCB 198	n/a	=	99	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt LCS	6/13/2024	PCB	PCB 198	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/13/2024	PCB	PCB 198	n/a	=	104	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt LCS dup	6/13/2024	PCB	PCB 198	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/13/2024	PCB	PCB 198	n/a	=	102	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt method blank	6/14/2024	PCB	PCB 198	n/a	=	0.097	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/14/2024	PCB	PCB 198	n/a	=	97	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt LCS	6/14/2024	PCB	PCB 198	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/14/2024	PCB	PCB 198	n/a	=	93	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt LCS dup	6/14/2024	PCB	PCB 198	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/14/2024	PCB	PCB 198	n/a	=	91	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt method blank	6/16/2024	PCB	PCB 198	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt method blank, rec	6/16/2024	PCB	PCB 198	n/a	=	98	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	srgt LCS	6/16/2024	PCB	PCB 198	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS, rec	6/16/2024	PCB	PCB 198	n/a	=	92	%	EPA 625.1	-88	-88	60	129	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	srgt LCS dup	6/16/2024	PCB	PCB 198	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-6	Lab	srgt LCS dup, rec	6/16/2024	PCB	PCB 198	n/a	=	94	%	EPA 625.1	-88	-88	60	129	
2023/24-6	ME-CC	srgt environ	6/13/2024	PCB	PCB 198	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-CC	srgt environ, rec	6/13/2024	PCB	PCB 198	n/a	=	93	%	EPA 625.1	-88	-88	60	129	
2023/24-6	ME-SCR	srgt environ	6/15/2024	PCB	PCB 198	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-SCR	srgt environ, rec	6/15/2024	PCB	PCB 198	n/a	=	78	%	EPA 625.1	-88	-88	60	129	
2023/24-6	ME-VR2	srgt environ	6/16/2024	PCB	PCB 198	n/a	=	0.091	µg/L	EPA 625.1	-88	-88			
2023/24-6	ME-VR2	srgt environ, rec	6/16/2024	PCB	PCB 198	n/a	=	91	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-CAM	srgt environ	6/13/2024	PCB	PCB 198	n/a	=	0.093	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-CAM	srgt environ, rec	6/13/2024	PCB	PCB 198	n/a	=	93	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-FIL	srgt environ	6/15/2024	PCB	PCB 198	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-FIL	srgt environ, rec	6/15/2024	PCB	PCB 198	n/a	=	98	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-HUE	srgt environ	6/16/2024	PCB	PCB 198	n/a	=	0.077	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-HUE	srgt environ, rec	6/16/2024	PCB	PCB 198	n/a	=	77	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-MEI	srgt environ	6/16/2024	PCB	PCB 198	n/a	=	0.073	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-MEI	srgt environ, rec	6/16/2024	PCB	PCB 198	n/a	=	73	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-OJA	srgt environ	6/16/2024	PCB	PCB 198	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-OJA	srgt environ, rec	6/16/2024	PCB	PCB 198	n/a	=	89	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-SIM	srgt environ	6/13/2024	PCB	PCB 198	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-SIM	srgt environ, rec	6/13/2024	PCB	PCB 198	n/a	=	104	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-THO	srgt environ	6/13/2024	PCB	PCB 198	n/a	=	0.104	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-THO	srgt environ, rec	6/13/2024	PCB	PCB 198	n/a	=	104	%	EPA 625.1	-88	-88	60	129	
2023/24-6	MO-VEN	srgt environ	6/15/2024	PCB	PCB 198	n/a	=	0.062	µg/L	EPA 625.1	-88	-88			
2023/24-6	MO-VEN	srgt environ, rec	6/15/2024	PCB	PCB 198	n/a	=	62	%	EPA 625.1	-88	-88	60	129	
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/13/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/14/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	method blank	6/16/2024	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS	6/3/2024	Pesticide	2,4,5-TP	n/a	=	2.574	µg/L	EPA 615	0.2	0.5			
2023/24-6	Lab	LCS dup	6/3/2024	Pesticide	2,4,5-TP	n/a	=	2.318	µg/L	EPA 615	0.2	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	
2023/24-6	Lab	LCS dup, rec	6/3/2024	Pesticide	2,4,5-TP	n/a	=	92	%	EPA 615	-88	-88	66	147	
2023/24-6	Lab	LCS, rec	6/3/2024	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 615	-88	-88	66	147	
2023/24-6	Lab	LCS, RPD	6/3/2024	Pesticide	2,4,5-TP	n/a	=	10.5	%	EPA 615	-88	-88	0	30	
2023/24-6	Lab	method blank	6/3/2024	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-6	Lab	method blank	6/4/2024	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-6	Lab	LCS	6/4/2024	Pesticide	2,4,5-TP	n/a	=	2.4425	µg/L	EPA 615	0.2	0.5			
2023/24-6	Lab	LCS, rec	6/4/2024	Pesticide	2,4,5-TP	n/a	=	97.7	%	EPA 615	-88	-88	66	147	
2023/24-6	Lab	LCS dup	6/4/2024	Pesticide	2,4,5-TP	n/a	=	2.33	µg/L	EPA 615	0.2	0.5			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 615	-88	-88	66	147	
2023/24-6	Lab	LCS, RPD	6/4/2024	Pesticide	2,4,5-TP	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-6	ME-SCR	matrix spike	6/4/2024	Pesticide	2,4,5-TP	n/a	=	2.0325	µg/L	EPA 615	0.2	0.5			
2023/24-6	ME-SCR	matrix spike, rec	6/4/2024	Pesticide	2,4,5-TP	n/a	=	81.3	%	EPA 615	-88	-88	66	147	
2023/24-6	Lab	LCS	6/3/2024	Pesticide	2,4-D	n/a	=	5.336	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	LCS dup	6/3/2024	Pesticide	2,4-D	n/a	=	4.974	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	LCS dup, rec	6/3/2024	Pesticide	2,4-D	n/a	=	99	%	EPA 615	-88	-88	58	159	
2023/24-6	Lab	LCS, rec	6/3/2024	Pesticide	2,4-D	n/a	=	107	%	EPA 615	-88	-88	58	159	
2023/24-6	Lab	LCS, RPD	6/3/2024	Pesticide	2,4-D	n/a	=	7	%	EPA 615	-88	-88	0	30	
2023/24-6	Lab	method blank	6/3/2024	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	method blank	6/4/2024	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	LCS	6/4/2024	Pesticide	2,4-D	n/a	=	5.45	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	LCS, rec	6/4/2024	Pesticide	2,4-D	n/a	=	109	%	EPA 615	-88	-88	58	159	
2023/24-6	Lab	LCS dup	6/4/2024	Pesticide	2,4-D	n/a	=	5.2	µg/L	EPA 615	0.47	1			
2023/24-6	Lab	LCS dup, rec	6/4/2024	Pesticide	2,4-D	n/a	=	104	%	EPA 615	-88	-88	58	159	
2023/24-6	Lab	LCS, RPD	6/4/2024	Pesticide	2,4-D	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-6	ME-SCR	matrix spike	6/4/2024	Pesticide	2,4-D	n/a	=	4.535	µg/L	EPA 615	0.47	1			
2023/24-6	ME-SCR	matrix spike, rec	6/4/2024	Pesticide	2,4-D	n/a	=	90.7	%	EPA 615	-88	-88	58	159	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	4,4'-DDD	n/a	=	0.591	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	4,4'-DDD	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	4,4'-DDD	n/a	=	0.609	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	4,4'-DDD	n/a	=	122	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	4,4'-DDD	n/a	=	0.559	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	4,4'-DDD	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	4,4'-DDD	n/a	=	0.562	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	4,4'-DDD	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	4,4'-DDD	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	4,4'-DDD	n/a	=	0.523	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	4,4'-DDD	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	4,4'-DDD	n/a	=	0.496	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	4,4'-DDD	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	4,4'-DDE	n/a	=	0.481	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	4,4'-DDE	n/a	=	96	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	4,4'-DDE	n/a	=	0.484	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	4,4'-DDE	n/a	=	0.472	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	4,4'-DDE	n/a	=	0.492	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	4,4'-DDE	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	4,4'-DDE	n/a	=	0.496	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	4,4'-DDE	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	4,4'-DDE	n/a	=	0.572	µg/L	EPA 625.1	0.0008	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	4,4'-DDE	n/a	=	114	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	4,4'-DDE	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	4,4'-DDT	n/a	=	0.503	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	4,4'-DDT	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	4,4'-DDT	n/a	=	0.449	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	4,4'-DDT	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	4,4'-DDT	n/a	=	0.464	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	4,4'-DDT	n/a	=	0.403	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	4,4'-DDT	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	4,4'-DDT	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	4,4'-DDT	n/a	=	0.441	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	4,4'-DDT	n/a	=	0.475	µg/L	EPA 625.1	0.0005	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	4,4'-DDT	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Aldrin	n/a	=	0.404	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Aldrin	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Aldrin	n/a	=	0.373	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Aldrin	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Aldrin	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Aldrin	n/a	=	0.338	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Aldrin	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Aldrin	n/a	=	0.349	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Aldrin	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Aldrin	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Aldrin	n/a	=	0.356	µg/L	EPA 625.1	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	
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Aldrin	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Aldrin	n/a	=	0.409	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Aldrin	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Aldrin	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	alpha-BHC	n/a	=	0.412	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	alpha-BHC	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	alpha-BHC	n/a	=	0.476	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	alpha-BHC	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	alpha-BHC	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	alpha-BHC	n/a	=	0.352	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	alpha-BHC	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	alpha-BHC	n/a	=	0.353	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	alpha-BHC	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	alpha-BHC	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	alpha-BHC	n/a	=	0.365	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	alpha-BHC	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	alpha-BHC	n/a	=	0.415	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	alpha-BHC	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	alpha-BHC	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	alpha-Chlordane	n/a	=	0.349	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	alpha-Chlordane	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	alpha-Chlordane	n/a	=	0.313	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	alpha-Chlordane	n/a	=	63	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	alpha-Chlordane	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	alpha-Chlordane	n/a	=	0.488	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	alpha-Chlordane	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	alpha-Chlordane	n/a	=	0.469	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	alpha-Chlordane	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	alpha-Chlordane	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	alpha-Chlordane	n/a	=	0.478	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	alpha-Chlordane	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	alpha-Chlordane	n/a	=	0.489	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	alpha-Chlordane	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	alpha-Chlordane	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Atrazine	n/a	=	0.501	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Atrazine	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Atrazine	n/a	=	0.464	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Atrazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Atrazine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	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	
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Atrazine	n/a	=	0.478	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Atrazine	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Atrazine	n/a	=	0.435	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Atrazine	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Atrazine	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Atrazine	n/a	=	0.445	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Atrazine	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Atrazine	n/a	=	0.466	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Atrazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Atrazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	beta-BHC	n/a	=	0.436	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	beta-BHC	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	beta-BHC	n/a	=	0.427	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	beta-BHC	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	beta-BHC	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	beta-BHC	n/a	=	0.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	beta-BHC	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	beta-BHC	n/a	=	0.413	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	beta-BHC	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	beta-BHC	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	beta-BHC	n/a	=	0.356	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	beta-BHC	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	beta-BHC	n/a	=	0.325	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	beta-BHC	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	beta-BHC	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Chlorpyrifos	n/a	=	0.541	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Chlorpyrifos	n/a	=	0.486	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Chlorpyrifos	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Chlorpyrifos	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Chlorpyrifos	n/a	=	0.486	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Chlorpyrifos	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Chlorpyrifos	n/a	=	0.47	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Chlorpyrifos	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Chlorpyrifos	n/a	=	0.391	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Chlorpyrifos	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Chlorpyrifos	n/a	=	0.427	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Chlorpyrifos	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Chlorpyrifos	n/a	=	9	%	EPA 625.1	-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	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Cyanazine	n/a	=	0.559	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Cyanazine	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Cyanazine	n/a	=	0.534	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Cyanazine	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Cyanazine	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Cyanazine	n/a	=	0.555	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Cyanazine	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Cyanazine	n/a	=	0.542	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Cyanazine	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Cyanazine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Cyanazine	n/a	=	0.519	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Cyanazine	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Cyanazine	n/a	=	0.559	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Cyanazine	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Cyanazine	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	delta-BHC	n/a	=	0.442	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	delta-BHC	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	delta-BHC	n/a	=	0.397	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	delta-BHC	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	delta-BHC	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	delta-BHC	n/a	=	0.499	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	delta-BHC	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	delta-BHC	n/a	=	0.484	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	delta-BHC	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	delta-BHC	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	delta-BHC	n/a	=	0.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	delta-BHC	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	delta-BHC	n/a	=	0.448	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	delta-BHC	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	delta-BHC	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Diazinon	n/a	=	0.46	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Diazinon	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Diazinon	n/a	=	0.443	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Diazinon	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Diazinon	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Diazinon	n/a	=	0.403	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Diazinon	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Diazinon	n/a	=	0.415	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Diazinon	n/a	=	83	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Diazinon	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Diazinon	n/a	=	0.31	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Diazinon	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Diazinon	n/a	=	0.335	µg/L	EPA 625.1	0.0005	0.001			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Diazinon	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Diazinon	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Dieldrin	n/a	=	0.353	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Dieldrin	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Dieldrin	n/a	=	0.324	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Dieldrin	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Dieldrin	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Dieldrin	n/a	=	0.312	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Dieldrin	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Dieldrin	n/a	=	0.272	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Dieldrin	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Dieldrin	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Dieldrin	n/a	=	0.319	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Dieldrin	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Dieldrin	n/a	=	0.318	µg/L	EPA 625.1	0.001	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Dieldrin	n/a	=	64	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Dieldrin	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Endosulfan I	n/a	=	0.419	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Endosulfan I	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Endosulfan I	n/a	=	0.391	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Endosulfan I	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Endosulfan I	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Endosulfan I	n/a	=	0.365	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Endosulfan I	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Endosulfan I	n/a	=	0.346	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Endosulfan I	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Endosulfan I	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Endosulfan I	n/a	=	0.351	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Endosulfan I	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Endosulfan I	n/a	=	0.352	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Endosulfan I	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Endosulfan I	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Endosulfan II	n/a	=	0.399	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Endosulfan II	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Endosulfan II	n/a	=	0.357	µg/L	EPA 625.1	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	
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Endosulfan II	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Endosulfan II	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Endosulfan II	n/a	=	0.362	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Endosulfan II	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Endosulfan II	n/a	=	0.33	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Endosulfan II	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Endosulfan II	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Endosulfan II	n/a	=	0.368	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Endosulfan II	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Endosulfan II	n/a	=	0.366	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Endosulfan II	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Endosulfan II	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Endosulfan sulfate	n/a	=	0.419	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Endosulfan sulfate	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Endosulfan sulfate	n/a	=	0.403	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Endosulfan sulfate	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Endosulfan sulfate	n/a	=	0.352	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Endosulfan sulfate	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Endosulfan sulfate	n/a	=	0.349	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Endosulfan sulfate	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Endosulfan sulfate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Endosulfan sulfate	n/a	=	0.335	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Endosulfan sulfate	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Endosulfan sulfate	n/a	=	0.337	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Endosulfan sulfate	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Endosulfan sulfate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Endrin	n/a	=	0.385	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Endrin	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Endrin	n/a	=	0.348	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Endrin	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Endrin	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Endrin	n/a	=	0.351	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Endrin	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Endrin	n/a	=	0.332	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Endrin	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Endrin	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Endrin	n/a	=	0.317	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Endrin	n/a	=	63	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Endrin	n/a	=	0.312	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Endrin	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Endrin	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Endrin aldehyde	n/a	=	0.0655	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Endrin aldehyde	n/a	=	13	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Endrin aldehyde	n/a	=	0.0272	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 625.1	-88	-88	0	25	PMQO
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Endrin aldehyde	n/a	=	0.0199	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Endrin aldehyde	n/a	=	0.0065	µg/L	EPA 625.1	0.001	0.005			PMQO
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Endrin aldehyde	n/a	=	1	%	EPA 625.1	-88	-88	50	150	PMQO
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Endrin aldehyde	n/a	=	120	%	EPA 625.1	-88	-88	0	25	PMQO
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Endrin aldehyde	n/a	=	0.265	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Endrin aldehyde	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Endrin aldehyde	n/a	=	0.266	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Endrin aldehyde	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Endrin aldehyde	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.428	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.383	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	11	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.375	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	75	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.367	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.379	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	0.43	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	gamma-BHC (Lindane)	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	gamma-Chlordane	n/a	=	0.357	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	gamma-Chlordane	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	gamma-Chlordane	n/a	=	0.326	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	gamma-Chlordane	n/a	=	65	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	gamma-Chlordane	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	gamma-Chlordane	n/a	=	0.395	µg/L	EPA 625.1	0.0007	0.002			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	gamma-Chlordane	n/a	=	79	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	gamma-Chlordane	n/a	=	0.411	µg/L	EPA 625.1	-88	0.002			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	gamma-Chlordane	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	gamma-Chlordane	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	gamma-Chlordane	n/a	=	0.374	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	gamma-Chlordane	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	gamma-Chlordane	n/a	=	0.391	µg/L	EPA 625.1	0.0007	0.002			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	gamma-Chlordane	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	gamma-Chlordane	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	000NONPJ	matrix spike	5/28/2024	Pesticide	Glyphosate	n/a	=	47.15	µg/L	EPA 547	2.1	5			
2023/24-6	000NONPJ	matrix spike, rec	5/28/2024	Pesticide	Glyphosate	n/a	=	94.3	%	EPA 547	-88	-88	86	110	
2023/24-6	000NONPJ	matrix spike dup	5/28/2024	Pesticide	Glyphosate	n/a	=	49	µg/L	EPA 547	2.1	5			
2023/24-6	000NONPJ	matrix spike dup, rec	5/28/2024	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	86	110	
2023/24-6	000NONPJ	matrix spike, RPD	5/28/2024	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-6	Lab	LCS	5/19/2024	Pesticide	Glyphosate	n/a	=	48.92	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	LCS dup	5/19/2024	Pesticide	Glyphosate	n/a	=	50.35	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	LCS dup, rec	5/19/2024	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-6	Lab	LCS, rec	5/19/2024	Pesticide	Glyphosate	n/a	=	97.8	%	EPA 547	-88	-88	86	110	
2023/24-6	Lab	LCS, RPD	5/19/2024	Pesticide	Glyphosate	n/a	=	2.9	%	EPA 547	-88	-88	0	30	
2023/24-6	Lab	method blank	5/19/2024	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	method blank	5/28/2024	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	LCS	5/28/2024	Pesticide	Glyphosate	n/a	=	49.8	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	LCS, rec	5/28/2024	Pesticide	Glyphosate	n/a	=	99.6	%	EPA 547	-88	-88	86	110	
2023/24-6	Lab	LCS dup	5/28/2024	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-6	Lab	LCS dup, rec	5/28/2024	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-6	Lab	LCS, RPD	5/28/2024	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-6	ME-CC	matrix spike	5/20/2024	Pesticide	Glyphosate	n/a	=	52.08	µg/L	EPA 547	2.1	5			
2023/24-6	ME-CC	matrix spike, rec	5/20/2024	Pesticide	Glyphosate	n/a	=	104	%	EPA 547	-88	-88	86	110	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Heptachlor	n/a	=	0.411	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Heptachlor	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Heptachlor	n/a	=	0.386	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Heptachlor	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Heptachlor	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Heptachlor	n/a	=	0.335	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Heptachlor	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Heptachlor	n/a	=	0.34	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Heptachlor	n/a	=	68	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Heptachlor	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Heptachlor	n/a	=	0.259	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Heptachlor	n/a	=	52	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Heptachlor	n/a	=	0.293	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Heptachlor	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Heptachlor	n/a	=	13	%	EPA 625.1	-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	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Heptachlor epoxide	n/a	=	0.414	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Heptachlor epoxide	n/a	=	0.363	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Heptachlor epoxide	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Heptachlor epoxide	n/a	=	0.335	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Heptachlor epoxide	n/a	=	67	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Heptachlor epoxide	n/a	=	0.344	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Heptachlor epoxide	n/a	=	0.249	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Heptachlor epoxide	n/a	=	50	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Heptachlor epoxide	n/a	=	0.295	µg/L	EPA 625.1	0.001	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Heptachlor epoxide	n/a	=	59	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Heptachlor epoxide	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Malathion	n/a	=	0.506	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Malathion	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Malathion	n/a	=	0.47	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Malathion	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Malathion	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Malathion	n/a	=	0.446	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Malathion	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Malathion	n/a	=	0.439	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Malathion	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Malathion	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Malathion	n/a	=	0.354	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Malathion	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Malathion	n/a	=	0.384	µg/L	EPA 625.1	0.0025	0.005			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Malathion	n/a	=	77	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Malathion	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Pentachlorophenol	n/a	=	0.932	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Pentachlorophenol	n/a	=	1	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Pentachlorophenol	n/a	=	1.21	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Pentachlorophenol	n/a	=	121	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Pentachlorophenol	n/a	=	1.32	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Pentachlorophenol	n/a	=	132	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Pentachlorophenol	n/a	=	1.09	µg/L	EPA 625.1	0.1	0.2			
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Pentachlorophenol	n/a	=	1.11	µg/L	EPA 625.1	0.05	0.1			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Pentachlorophenol	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Prometryn	n/a	=	0.561	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Prometryn	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Prometryn	n/a	=	0.504	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Prometryn	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Prometryn	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Prometryn	n/a	=	0.514	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Prometryn	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Prometryn	n/a	=	47.68	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Prometryn	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Prometryn	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Prometryn	n/a	=	0.406	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Prometryn	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Prometryn	n/a	=	0.436	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Prometryn	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Prometryn	n/a	=	7	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/13/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/13/2024	Pesticide	Simazine	n/a	=	0.583	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/13/2024	Pesticide	Simazine	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/13/2024	Pesticide	Simazine	n/a	=	0.589	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/13/2024	Pesticide	Simazine	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/13/2024	Pesticide	Simazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/14/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/14/2024	Pesticide	Simazine	n/a	=	0.562	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/14/2024	Pesticide	Simazine	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/14/2024	Pesticide	Simazine	n/a	=	0.538	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/14/2024	Pesticide	Simazine	n/a	=	108	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/14/2024	Pesticide	Simazine	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/16/2024	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS	6/16/2024	Pesticide	Simazine	n/a	=	0.533	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS, rec	6/16/2024	Pesticide	Simazine	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/16/2024	Pesticide	Simazine	n/a	=	0.536	µg/L	EPA 625.1	0.005	0.01			
2023/24-6	Lab	LCS dup, rec	6/16/2024	Pesticide	Simazine	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/16/2024	Pesticide	Simazine	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-6	Lab	method blank	6/17/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS	6/17/2024	Pesticide	Toxaphene	n/a	=	5.96	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS, rec	6/17/2024	Pesticide	Toxaphene	n/a	=	119	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/17/2024	Pesticide	Toxaphene	n/a	=	5.75	µg/L	EPA 625.1-NCI	0.01	0.025			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-6	Lab	LCS dup, rec	6/17/2024	Pesticide	Toxaphene	n/a	=	115	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/17/2024	Pesticide	Toxaphene	n/a	=	3	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-6	Lab	method blank	6/17/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS	6/18/2024	Pesticide	Toxaphene	n/a	=	5.86	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS, rec	6/18/2024	Pesticide	Toxaphene	n/a	=	117	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/18/2024	Pesticide	Toxaphene	n/a	=	4.71	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS dup, rec	6/18/2024	Pesticide	Toxaphene	n/a	=	94	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/18/2024	Pesticide	Toxaphene	n/a	=	22	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-6	Lab	method blank	6/19/2024	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS	6/19/2024	Pesticide	Toxaphene	n/a	=	5.74	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS, rec	6/19/2024	Pesticide	Toxaphene	n/a	=	115	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS dup	6/19/2024	Pesticide	Toxaphene	n/a	=	6.18	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-6	Lab	LCS dup, rec	6/19/2024	Pesticide	Toxaphene	n/a	=	124	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-6	Lab	LCS, RPD	6/19/2024	Pesticide	Toxaphene	n/a	=	8	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Anion	Chloride	n/a	=	5.19	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Anion	Chloride	n/a	=	5.09	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	70	130	
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	70	130	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-PRE	Lab	LCS	9/25/2023	Anion	Chloride	n/a	=	5.02	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Lab	LCS dup	9/25/2023	Anion	Chloride	n/a	=	5.08	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	9/25/2023	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	70	130	
2023/24-PRE	Lab	LCS, rec	9/25/2023	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	70	130	
2023/24-PRE	Lab	LCS, RPD	9/25/2023	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/25/2023	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Anion	Chloride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05		20	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Anion	Fluoride	n/a	=	2.1	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Anion	Fluoride	n/a	=	2.02	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Anion	Fluoride	n/a	=	4	%	EPA 300.0	-88	-88	0	25	
2023/24-PRE	Lab	LCS	9/25/2023	Anion	Fluoride	n/a	=	2.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Lab	LCS dup	9/25/2023	Anion	Fluoride	n/a	=	2.17	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	9/25/2023	Anion	Fluoride	n/a	=	109	%	EPA 300.0	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/25/2023	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/25/2023	Anion	Fluoride	n/a	=	9	%	EPA 300.0	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/25/2023	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Anion	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05			
2023/24-PRE	000NONPJ	matrix spike	8/30/2023	Anion	Perchlorate	Total	=	43.67	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	000NONPJ	matrix spike dup	8/30/2023	Anion	Perchlorate	Total	=	42.95	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	000NONPJ	matrix spike dup, rec	8/30/2023	Anion	Perchlorate	Total	=	86	%	EPA 314.0	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, rec	8/30/2023	Anion	Perchlorate	Total	=	87	%	EPA 314.0	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, RPD	8/30/2023	Anion	Perchlorate	Total	=	2	%	EPA 314.0	-88	-88	0	15	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Carboy Blank	equip blank	8/30/2023	Anion	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	Lab	LCS	8/30/2023	Anion	Perchlorate	Total	=	44.55	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	Lab	LCS, rec	8/30/2023	Anion	Perchlorate	Total	=	89	%	EPA 314.0	-88	-88	85	115	
2023/24-PRE	Lab	method blank	8/30/2023	Anion	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	Tubing Blank	equip blank	8/30/2023	Anion	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4			
2023/24-PRE	000NONPJ	matrix spike	8/31/2023	Conventional	COD	n/a	=	104	mg/L	SM 5220 D	3.2	8			
2023/24-PRE	000NONPJ	matrix spike dup	8/31/2023	Conventional	COD	n/a	=	94	mg/L	SM 5220 D	3.2	8			
2023/24-PRE	000NONPJ	matrix spike dup, rec	8/31/2023	Conventional	COD	n/a	=	94	%	SM 5220 D	-88	-88	77	120	
2023/24-PRE	000NONPJ	matrix spike, rec	8/31/2023	Conventional	COD	n/a	=	104	%	SM 5220 D	-88	-88	77	120	
2023/24-PRE	000NONPJ	matrix spike, RPD	8/31/2023	Conventional	COD	n/a	=	10	%	SM 5220 D	-88	-88	0	20	
2023/24-PRE	Carboy Blank	equip blank	8/31/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-PRE	Lab	LCS	8/31/2023	Conventional	COD	n/a	=	106	mg/L	SM 5220 D	1.6	4			
2023/24-PRE	Lab	LCS, rec	8/31/2023	Conventional	COD	n/a	=	106	%	SM 5220 D	-88	-88	90	110	
2023/24-PRE	Lab	method blank	8/31/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-PRE	Tubing Blank	equip blank	8/31/2023	Conventional	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4			
2023/24-PRE	Carboy Blank	equip blank	9/15/2023	Conventional	Hardness as CaCO3	Total	<	0.1	mg/L	SM 2340 B	0.1	0.5			
2023/24-PRE	Carboy Blank	lab duplicate	9/15/2023	Conventional	Hardness as CaCO3	Total	<	0.1	mg/L	SM 2340 B	0.1	0.5		25	
2023/24-PRE	Tubing Blank	equip blank	9/15/2023	Conventional	Hardness as CaCO3	Total	DNQ	0.176	mg/L	SM 2340 B	0.1	0.5			
2023/24-PRE	000NONPJ	lab duplicate	8/31/2023	Conventional	MBAS	n/a	=	0.1724	mg/L	SM 5540 C	0.02	0.05		20	
2023/24-PRE	000NONPJ	matrix spike	8/31/2023	Conventional	MBAS	n/a	=	0.0958	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	000NONPJ	matrix spike dup	8/31/2023	Conventional	MBAS	n/a	=	0.0938	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	000NONPJ	matrix spike dup, rec	8/31/2023	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	70	130	
2023/24-PRE	000NONPJ	matrix spike, rec	8/31/2023	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	70	130	
2023/24-PRE	000NONPJ	matrix spike, RPD	8/31/2023	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	25	
2023/24-PRE	Carboy Blank	equip blank	8/31/2023	Conventional	MBAS	n/a	DNQ	0.0363	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	Lab	LCS	8/31/2023	Conventional	MBAS	n/a	=	0.123	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	Lab	LCS dup	8/31/2023	Conventional	MBAS	n/a	=	0.124	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	Lab	LCS dup, rec	8/31/2023	Conventional	MBAS	n/a	=	124	%	SM 5540 C	-88	-88	70	130	
2023/24-PRE	Lab	LCS, rec	8/31/2023	Conventional	MBAS	n/a	=	123	%	SM 5540 C	-88	-88	70	130	
2023/24-PRE	Lab	LCS, RPD	8/31/2023	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	25	
2023/24-PRE	Lab	method blank	8/31/2023	Conventional	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	Tubing Blank	equip blank	8/31/2023	Conventional	MBAS	n/a	DNQ	0.0245	mg/L	SM 5540 C	0.02	0.05			
2023/24-PRE	Carboy Blank	equip blank	9/12/2023	Conventional	Total Organic Carbon	n/a	=	0.488	mg/L	SM 5310 B	0.2	0.44			
2023/24-PRE	Lab	LCS	9/12/2023	Conventional	Total Organic Carbon	n/a	=	9.93	mg/L	SM 5310 B	0.2	0.44			
2023/24-PRE	Lab	LCS dup	9/12/2023	Conventional	Total Organic Carbon	n/a	=	9.88	mg/L	SM 5310 B	0.2	0.44			
2023/24-PRE	Lab	LCS dup, rec	9/12/2023	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/12/2023	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/12/2023	Conventional	Total Organic Carbon	n/a	=	0	%	SM 5310 B	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/12/2023	Conventional	Total Organic Carbon	n/a	<	0.2	mg/L	SM 5310 B	0.2	0.44			
2023/24-PRE	Tubing Blank	equip blank	9/12/2023	Conventional	Total Organic Carbon	n/a	DNQ	0.29	mg/L	SM 5310 B	0.2	0.44			
2023/24-PRE	Carboy Blank	srgt equip blank	9/1/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0144	mg/L	EPA 8015B	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	9/1/2023	Hydrocarbon	n-Triacontane	n/a	=	75	%	EPA 8015B	-88	-88	35	130	
2023/24-PRE	Lab	srgt LCS	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0184	mg/L	EPA 8015B	-88	-88			
2023/24-PRE	Lab	srgt LCS dup	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0146	mg/L	EPA 8015B	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	73	%	EPA 8015B	-88	-88	35	130	
2023/24-PRE	Lab	srgt LCS, rec	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	92	%	EPA 8015B	-88	-88	35	130	
2023/24-PRE	Lab	srgt method blank	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0176	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	
2023/24-PRE	Lab	srgt method blank, rec	8/31/2023	Hydrocarbon	n-Triacontane	n/a	=	88	%	EPA 8015B	-88	-88	35	130	
2023/24-PRE	Tubing Blank	srgt equip blank	9/1/2023	Hydrocarbon	n-Triacontane	n/a	=	0.0148	mg/L	EPA 8015B	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	9/1/2023	Hydrocarbon	n-Triacontane	n/a	=	80	%	EPA 8015B	-88	-88	35	130	
2023/24-PRE	Carboy Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.096			
2023/24-PRE	Lab	LCS	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.9542	mg/L	EPA 8015B	0.047	0.1			
2023/24-PRE	Lab	LCS dup	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	0.8101	mg/L	EPA 8015B	0.047	0.1			
2023/24-PRE	Lab	LCS dup, rec	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	81	%	EPA 8015B	-88	-88	42	120	
2023/24-PRE	Lab	LCS, rec	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	95	%	EPA 8015B	-88	-88	42	120	
2023/24-PRE	Lab	LCS, RPD	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	=	16	%	EPA 8015B	-88	-88	0	36	
2023/24-PRE	Lab	method blank	8/31/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.1			
2023/24-PRE	Tubing Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Diesel C10-C28	n/a	<	0.043	mg/L	EPA 8015B	0.043	0.093			
2023/24-PRE	Carboy Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29			
2023/24-PRE	Lab	method blank	8/31/2023	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3			
2023/24-PRE	Tubing Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Gasoline C6-C10	n/a	<	0.043	mg/L	EPA 8015B	0.043	0.28			
2023/24-PRE	Carboy Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29			
2023/24-PRE	Lab	method blank	8/31/2023	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3			
2023/24-PRE	Tubing Blank	equip blank	9/1/2023	Hydrocarbon	TPH as Motor Oil C28-C44	n/a	<	0.043	mg/L	EPA 8015B	0.043	0.28			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Aluminum	Total	=	106	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Aluminum	Total	=	99.2	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Aluminum	Total	=	1040	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Aluminum	Total	=	984	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Antimony	Total	DNQ	0.086	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15		25	SLM
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Antimony	Total	=	102.914	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Antimony	Total	=	102.914	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Antimony	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Antimony	Total	=	1050	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Antimony	Total	=	1040	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Arsenic	Total	DNQ	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Arsenic	Total	DNQ	0.078	µg/L	EPA 200.8	0.05	0.159		25	SLM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Arsenic	Total	=	100.95	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Arsenic	Total	=	100.95	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Arsenic	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Arsenic	Total	=	1020	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Arsenic	Total	=	1030	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Beryllium	Total	DNQ	0.022	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Beryllium	Total	DNQ	0.021	µg/L	EPA 200.8	0.01	0.031		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Beryllium	Total	=	99.978	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Beryllium	Total	=	105.978	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Beryllium	Total	=	6	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Beryllium	Total	=	984	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Beryllium	Total	=	961	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Beryllium	Total	DNQ	0.017	µg/L	EPA 200.8	0.01	0.031			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Cadmium	Total	=	99	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Cadmium	Total	=	101	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Cadmium	Total	=	999	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Cadmium	Total	=	1020	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Chromium	Total	=	0.19	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Chromium	Total	=	0.196	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Chromium	Total	=	97.91	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Chromium	Total	=	98.61	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-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	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Chromium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Chromium	Total	=	988	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Chromium	Total	=	982	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Chromium	Total	DNQ	0.041	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Copper	Total	=	0.1	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Copper	Total	=	0.085	µg/L	EPA 200.8	0.007	0.022		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Copper	Total	=	97.6	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Copper	Total	=	98.8	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Copper	Total	<	0.007	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Copper	Total	=	991	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Copper	Total	=	988	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Copper	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Copper	Total	=	0.082	µg/L	EPA 200.8	0.007	0.022			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Iron	Total	=	93.2	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Iron	Total	=	93	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Iron	Total	=	87.4	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Iron	Total	=	87	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Iron	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Iron	Total	=	1140	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Iron	Total	=	114	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Iron	Total	=	1060	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Iron	Total	=	7	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Iron	Total	<	1.13	µg/L	EPA 200.8	1.13	5.65			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Lead	Total	DNQ	0.011	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Lead	Total	DNQ	0.007	µg/L	EPA 200.8	0.007	0.021		25	SLM
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Lead	Total	=	98.089	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Lead	Total	=	99.789	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Lead	Total	=	1020	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Lead	Total	=	1030	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	80	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	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021			
2023/24-PRE	Carboy Blank	equip blank	9/15/2023	Metal	Mercury	Total	DNQ	0.0652	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Carboy Blank	lab duplicate	9/15/2023	Metal	Mercury	Total	DNQ	0.0404	ng/L	EPA 1631E	0.04	0.2		25	SLM
2023/24-PRE	Carboy Blank	matrix spike	9/15/2023	Metal	Mercury	Total	=	10.0348	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Carboy Blank	matrix spike dup	9/15/2023	Metal	Mercury	Total	=	11.6348	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/15/2023	Metal	Mercury	Total	=	116	%	EPA 1631E	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, rec	9/15/2023	Metal	Mercury	Total	=	100	%	EPA 1631E	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/15/2023	Metal	Mercury	Total	=	15	%	EPA 1631E	-88	-88	0	25	
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Mercury	Total	=	11.1	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Mercury	Total	=	10.9	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Mercury	Total	=	109	%	EPA 1631E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Mercury	Total	=	111	%	EPA 1631E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Mercury	Total	=	2	%	EPA 1631E	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Mercury	Total	<	0.04	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Tubing Blank	equip blank	9/15/2023	Metal	Mercury	Total	DNQ	0.0451	ng/L	EPA 1631E	0.04	0.2			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Nickel	Total	=	96.5	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Nickel	Total	=	98.4	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Nickel	Total	<	0.013	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Nickel	Total	=	1000	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Nickel	Total	=	995	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Nickel	Total	=	0	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Nickel	Total	DNQ	0.014	µg/L	EPA 200.8	0.013	0.042			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Selenium	Total	=	0.08	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Selenium	Total	DNQ	0.065	µg/L	EPA 200.8	0.021	0.068		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Selenium	Total	=	99.32	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Selenium	Total	=	102.92	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Selenium	Total	=	1030	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Selenium	Total	=	1080	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Selenium	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Selenium	Total	DNQ	0.021	µg/L	EPA 200.8	0.021	0.068			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Silver	Total	=	0.345	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Silver	Total	=	0.312	µg/L	EPA 200.8	0.01	0.02		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Silver	Total	=	7.875	µg/L	EPA 200.8	0.01	0.02			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Silver	Total	=	79	%	EPA 200.8	-88	-88	80	120	GB
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Silver	Total	=	8.155	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Silver	Total	=	82	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Silver	Total	=	103	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Silver	Total	=	119	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Silver	Total	=	119	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Silver	Total	=	14	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Silver	Total	=	0.325	µg/L	EPA 200.8	0.01	0.02			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05		25	
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Thallium	Total	=	95.4	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Thallium	Total	=	99.6	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Thallium	Total	=	5	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Thallium	Total	=	1030	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Thallium	Total	=	1050	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	9/25/2023	Metal	Zinc	Total	=	0.15	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Carboy Blank	lab duplicate	9/25/2023	Metal	Zinc	Total	=	0.083	µg/L	EPA 200.8	0.022	0.069		25	SLM
2023/24-PRE	Carboy Blank	matrix spike	9/25/2023	Metal	Zinc	Total	=	97.75	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/25/2023	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike dup	9/25/2023	Metal	Zinc	Total	=	101.85	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Carboy Blank	matrix spike dup, rec	9/25/2023	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Carboy Blank	matrix spike, RPD	9/25/2023	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Metal	Zinc	Total	<	0.022	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Lab	LCS	9/15/2023	Metal	Zinc	Total	=	999	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Lab	LCS, rec	9/15/2023	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS dup	9/15/2023	Metal	Zinc	Total	=	980	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	9/25/2023	Metal	Zinc	Total	=	0.097	µg/L	EPA 200.8	0.022	0.069			
2023/24-PRE	Carboy Blank	equip blank	9/19/2023	Nutrient	Ammonia as N	n/a	DNQ	0.014	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-PRE	Lab	LCS	9/19/2023	Nutrient	Ammonia as N	n/a	=	0.092	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-PRE	Lab	LCS dup	9/19/2023	Nutrient	Ammonia as N	n/a	=	0.095	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-PRE	Lab	LCS dup, rec	9/19/2023	Nutrient	Ammonia as N	n/a	=	95	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/19/2023	Nutrient	Ammonia as N	n/a	=	92	%	SM 4500-NH3 D	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/19/2023	Nutrient	Ammonia as N	n/a	=	3	%	SM 4500-NH3 D	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/19/2023	Nutrient	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 D	0.007	0.03			
2023/24-PRE	Tubing Blank	equip blank	9/19/2023	Nutrient	Ammonia as N	n/a	DNQ	0.011	mg/L	SM 4500-NH3 D	0.007	0.03			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	000NONPJ	lab duplicate	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1033	mg/L	SM 4500-NO3 E	0.01	0.02		20	
2023/24-PRE	000NONPJ	matrix spike	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.934	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	000NONPJ	matrix spike dup	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.964	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	000NONPJ	matrix spike dup, rec	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, rec	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, RPD	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	4	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-PRE	Carboy Blank	equip blank	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	Lab	LCS	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.986	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	Lab	LCS dup	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	1.028	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	SM 4500-NO3 E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	4	%	SM 4500-NO3 E	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	Tubing Blank	equip blank	9/18/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02			
2023/24-PRE	000NONPJ	lab duplicate	9/15/2023	Nutrient	Phosphorus as P	Total	=	0.1295	mg/L	SM 4500-P E	0.016	0.02		20	
2023/24-PRE	000NONPJ	matrix spike	9/15/2023	Nutrient	Phosphorus as P	Total	=	0.319	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	000NONPJ	matrix spike dup	9/15/2023	Nutrient	Phosphorus as P	Total	=	0.3069	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	000NONPJ	matrix spike dup, rec	9/15/2023	Nutrient	Phosphorus as P	Total	=	102	%	SM 4500-P E	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, rec	9/15/2023	Nutrient	Phosphorus as P	Total	=	106	%	SM 4500-P E	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, RPD	9/15/2023	Nutrient	Phosphorus as P	Total	=	4	%	SM 4500-P E	-88	-88	0	25	
2023/24-PRE	Carboy Blank	equip blank	9/15/2023	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	Lab	LCS	9/15/2023	Nutrient	Phosphorus as P	Total	=	0.356	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	Lab	LCS dup	9/15/2023	Nutrient	Phosphorus as P	Total	=	0.353	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	Lab	LCS dup, rec	9/15/2023	Nutrient	Phosphorus as P	Total	=	118	%	SM 4500-P E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/15/2023	Nutrient	Phosphorus as P	Total	=	119	%	SM 4500-P E	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/15/2023	Nutrient	Phosphorus as P	Total	=	1	%	SM 4500-P E	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/15/2023	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	Tubing Blank	equip blank	9/15/2023	Nutrient	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02			
2023/24-PRE	000NONPJ	lab duplicate	9/21/2023	Nutrient	TKN	n/a	=	1.194	mg/L	EPA 351.2	0.13	0.4		10	
2023/24-PRE	000NONPJ	matrix spike	9/21/2023	Nutrient	TKN	n/a	=	2.692	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	000NONPJ	matrix spike dup	9/21/2023	Nutrient	TKN	n/a	=	2.552	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	000NONPJ	matrix spike dup, rec	9/21/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, rec	9/21/2023	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	80	120	
2023/24-PRE	000NONPJ	matrix spike, RPD	9/21/2023	Nutrient	TKN	n/a	=	6	%	EPA 351.2	-88	-88	0	25	
2023/24-PRE	Carboy Blank	equip blank	9/21/2023	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	Lab	CRM	9/21/2023	Nutrient	TKN	n/a	=	4.669	mg/L	EPA 351.2	0.13	0.4			GBC
2023/24-PRE	Lab	CRM, rec	9/21/2023	Nutrient	TKN	n/a	=	75	%	EPA 351.2	-88	-88	80	120	GBC
2023/24-PRE	Lab	LCS	9/21/2023	Nutrient	TKN	n/a	=	2.398	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	Lab	LCS dup	9/21/2023	Nutrient	TKN	n/a	=	2.395	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	Lab	LCS dup, rec	9/21/2023	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	80	120	
2023/24-PRE	Lab	LCS, rec	9/21/2023	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	80	120	
2023/24-PRE	Lab	LCS, RPD	9/21/2023	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	25	
2023/24-PRE	Lab	method blank	9/21/2023	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	Tubing Blank	equip blank	9/21/2023	Nutrient	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.7	µg/L	EPA 625.1	0.01	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	
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	0.805	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.618	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.761	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	=	0.92	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	=	0.934	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.575	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	=	0.722	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	=	23	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.611	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	=	0.76	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05			
2023/24-PRE	Carboy Blank	srgt matrix spike	9/9/2023	Organic	2,3-D	n/a	=	0.2308	µg/L	EPA 615	-88	-88			
2023/24-PRE	Carboy Blank	srgt matrix spike, rec	9/9/2023	Organic	2,3-D	n/a	=	92.3	%	EPA 615	-88	-88	53	168	
2023/24-PRE	Carboy Blank	srgt equip blank	9/9/2023	Organic	2,3-D	n/a	=	4.81	µg/L	EPA 615	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	9/9/2023	Organic	2,3-D	n/a	=	96.2	%	EPA 615	-88	-88	53	168	
2023/24-PRE	Lab	srgt method blank	9/9/2023	Organic	2,3-D	n/a	=	5.05	µg/L	EPA 615	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	9/9/2023	Organic	2,3-D	n/a	=	101	%	EPA 615	-88	-88	53	168	
2023/24-PRE	Lab	srgt LCS	9/9/2023	Organic	2,3-D	n/a	=	0.2725	µg/L	EPA 615	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	9/9/2023	Organic	2,3-D	n/a	=	109	%	EPA 615	-88	-88	53	168	
2023/24-PRE	Lab	srgt LCS dup	9/9/2023	Organic	2,3-D	n/a	=	0.265	µg/L	EPA 615	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	9/9/2023	Organic	2,3-D	n/a	=	106	%	EPA 615	-88	-88	53	168	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Tubing Blank	srgt equip blank	9/9/2023	Organic	2,3-D	n/a	=	4.69	µg/L	EPA 615	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	9/9/2023	Organic	2,3-D	n/a	=	93.8	%	EPA 615	-88	-88	53	168	
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	30	130	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625.1	-88	-88	30	130	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 625.1	-88	-88	30	130	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.108	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 625.1	-88	-88	30	130	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.079	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	30	130	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.862	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.895	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,4-Dichlorophenol	n/a	=	0.777	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,4-Dichlorophenol	n/a	=	0.86	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,4-Dichlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			LB-LCSR
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,4-Dimethylphenol	n/a	=	0.452	µg/L	EPA 625.1	0.1	0.2			EUM
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,4-Dimethylphenol	n/a	=	45	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,4-Dimethylphenol	n/a	=	0.528	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,4-Dimethylphenol	n/a	=	16	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			LB-LCSR
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,4-Dinitrophenol	n/a	=	1.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,4-Dinitrophenol	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,4-Dinitrophenol	n/a	=	1.17	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,4-Dinitrophenol	n/a	=	117	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,4-Dinitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	=	1.03	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	=	1.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	=	1.06	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	=	1.07	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2-Chloronaphthalene	n/a	=	0.833	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2-Chloronaphthalene	n/a	=	0.88	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2-Chloronaphthalene	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2-Chlorophenol	n/a	=	0.622	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2-Chlorophenol	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2-Chlorophenol	n/a	=	0.765	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2-Chlorophenol	n/a	=	20	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	2-Nitrophenol	n/a	=	0.756	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	2-Nitrophenol	n/a	=	0.901	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	2-Nitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	2-Nitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.947	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	0.976	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	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	
2023/24-PRE	Lab	LCS	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.13	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1.12	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.934	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	0.942	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.895	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.908	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.9	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.915	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	4-Nitrophenol	n/a	=	1.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	4-Nitrophenol	n/a	=	110	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	4-Nitrophenol	n/a	=	1.12	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	4-Nitrophenol	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Acenaphthene	n/a	=	2290	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Acenaphthene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Acenaphthene	n/a	=	2340	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Acenaphthene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Acenaphthene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Acenaphthene-d10	n/a	=	0.081	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	
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Acenaphthene-d10	n/a	=	81	%	EPA 625.1	-88	-88	27	133	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Acenaphthene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Acenaphthene-d10	n/a	=	96	%	EPA 625.1	-88	-88	27	133	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Acenaphthene-d10	n/a	=	0.096	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Acenaphthene-d10	n/a	=	96	%	EPA 625.1	-88	-88	27	133	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Acenaphthene-d10	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Acenaphthene-d10	n/a	=	98	%	EPA 625.1	-88	-88	27	133	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Acenaphthene-d10	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Acenaphthene-d10	n/a	=	81	%	EPA 625.1	-88	-88	27	133	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Acenaphthylene	n/a	=	2300	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Acenaphthylene	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Acenaphthylene	n/a	=	2370	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Acenaphthylene	n/a	=	105	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Acenaphthylene	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Anthracene	n/a	=	2310	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Anthracene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Anthracene	n/a	=	2320	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Anthracene	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Anthracene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benz(a)anthracene	n/a	=	2510	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benz(a)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benz(a)anthracene	n/a	=	2500	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benz(a)anthracene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			LB-LCSR
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benzidine	n/a	DNQ	0.0623	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benzidine	n/a	=	6	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benzidine	n/a	DNQ	0.0746	µg/L	EPA 625.1	0.05	0.1			EUM
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benzidine	n/a	=	7	%	EPA 625.1	-88	-88	50	150	EUM
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benzidine	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			LB-LCSR
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benzo(a)pyrene	n/a	=	2450	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benzo(a)pyrene	n/a	=	2440	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	=	2670	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	=	2670	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	2520	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	2410	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	2510	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	2530	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.836	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.883	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.596	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	0.618	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	62	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.703	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.8	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0356	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.0151	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.2	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.22	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.0906	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	0.086	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	0.127	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	1.2	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Butyl benzyl phthalate	n/a	=	0.0827	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Chrysene	n/a	=	2260	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Chrysene	n/a	=	100	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Chrysene	n/a	=	2280	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Chrysene	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Chrysene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Chrysene-d12	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Chrysene-d12	n/a	=	89	%	EPA 625.1	-88	-88	52	144	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Chrysene-d12	n/a	=	0.098	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Chrysene-d12	n/a	=	98	%	EPA 625.1	-88	-88	52	144	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Chrysene-d12	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Chrysene-d12	n/a	=	99	%	EPA 625.1	-88	-88	52	144	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Chrysene-d12	n/a	=	0.099	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Chrysene-d12	n/a	=	99	%	EPA 625.1	-88	-88	52	144	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Chrysene-d12	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Chrysene-d12	n/a	=	87	%	EPA 625.1	-88	-88	52	144	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	3110	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	138	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	2970	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	132	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Diethyl phthalate	n/a	=	0.0218	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Diethyl phthalate	n/a	=	0.037	µg/L	EPA 625.1	0.01	0.02			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	
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Diethyl phthalate	n/a	=	1.03	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Diethyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Diethyl phthalate	n/a	=	1.02	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Diethyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Diethyl phthalate	n/a	=	0.88	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Dimethyl phthalate	n/a	=	0.944	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Dimethyl phthalate	n/a	=	0.944	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Dimethyl phthalate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Dimethyl phthalate	n/a	DNQ	0.017	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	0.0269	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	0.0222	µg/L	EPA 625.1	0.01	0.02			IP
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	0.907	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	0.919	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Di-n-butylphthalate	n/a	=	0.0429	µg/L	EPA 625.1	0.01	0.02			IP,UL-MB
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Di-n-octylphthalate	n/a	=	0.98	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Di-n-octylphthalate	n/a	=	98	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Di-n-octylphthalate	n/a	=	0.99	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Di-n-octylphthalate	n/a	=	99	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Fluoranthene	n/a	=	2550	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Fluoranthene	n/a	=	2530	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Fluoranthene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Fluorene	n/a	=	2350	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Fluorene	n/a	=	104	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Fluorene	n/a	=	2390	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Fluorene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Fluorene	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Fluorene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Hexachlorobutadiene	n/a	=	0.685	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Hexachlorobutadiene	n/a	=	0.803	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Hexachlorobutadiene	n/a	=	80	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Hexachlorobutadiene	n/a	=	15	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.836	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.933	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Hexachloroethane	n/a	=	0.614	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Hexachloroethane	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Hexachloroethane	n/a	=	0.756	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Hexachloroethane	n/a	=	76	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Hexachloroethane	n/a	=	22	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2920	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	130	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2790	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Isophorone	n/a	=	0.904	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Isophorone	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Isophorone	n/a	=	0.918	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Isophorone	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Isophorone	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Naphthalene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Naphthalene	n/a	=	1920	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Naphthalene	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Naphthalene	n/a	=	2160	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Naphthalene	n/a	=	96	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Naphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Naphthalene	n/a	DNQ	0.002	µg/L	EPA 625.1	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	
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Naphthalene-d8	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Naphthalene-d8	n/a	=	72	%	EPA 625.1	-88	-88	25	125	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Naphthalene-d8	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Naphthalene-d8	n/a	=	88	%	EPA 625.1	-88	-88	25	125	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Naphthalene-d8	n/a	=	0.082	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Naphthalene-d8	n/a	=	82	%	EPA 625.1	-88	-88	25	125	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Naphthalene-d8	n/a	=	0.092	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Naphthalene-d8	n/a	=	92	%	EPA 625.1	-88	-88	25	125	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Naphthalene-d8	n/a	=	0.072	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Naphthalene-d8	n/a	=	72	%	EPA 625.1	-88	-88	25	125	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Nitrobenzene	n/a	=	0.712	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Nitrobenzene	n/a	=	71	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Nitrobenzene	n/a	=	0.821	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Nitrobenzene	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Nitrobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.512	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.54	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.836	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.858	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.914	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.931	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Perylene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Perylene-d12	n/a	=	84	%	EPA 625.1	-88	-88	36	161	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Perylene-d12	n/a	=	0.094	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	
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Perylene-d12	n/a	=	0.094	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 625.1	-88	-88	36	161	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Perylene-d12	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Perylene-d12	n/a	=	84	%	EPA 625.1	-88	-88	36	161	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Phenanthrene	n/a	=	2390	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Phenanthrene	n/a	=	106	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Phenanthrene	n/a	=	2410	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Phenanthrene	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Phenanthrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Phenanthrene	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Phenanthrene-d10	n/a	=	0.087	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Phenanthrene-d10	n/a	=	87	%	EPA 625.1	-88	-88	43	129	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Phenanthrene-d10	n/a	=	0.1	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Phenanthrene-d10	n/a	=	100	%	EPA 625.1	-88	-88	43	129	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Phenanthrene-d10	n/a	=	0.101	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Phenanthrene-d10	n/a	=	101	%	EPA 625.1	-88	-88	43	129	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Phenanthrene-d10	n/a	=	0.102	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Phenanthrene-d10	n/a	=	102	%	EPA 625.1	-88	-88	43	129	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Phenanthrene-d10	n/a	=	0.088	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Phenanthrene-d10	n/a	=	88	%	EPA 625.1	-88	-88	43	129	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Phenol	n/a	=	0.573	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Phenol	n/a	=	57	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Phenol	n/a	=	0.737	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Phenol	n/a	=	74	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Phenol	n/a	=	26	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Phenol-d5	n/a	=	0.043	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Phenol-d5	n/a	=	43	%	EPA 625.1	-88	-88	0	130	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Phenol-d5	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Phenol-d5	n/a	=	66	%	EPA 625.1	-88	-88	0	130	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Phenol-d5	n/a	=	0.058	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Phenol-d5	n/a	=	58	%	EPA 625.1	-88	-88	0	130	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Phenol-d5	n/a	=	0.052	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Phenol-d5	n/a	=	52	%	EPA 625.1	-88	-88	0	130	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Phenol-d5	n/a	=	0.044	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Phenol-d5	n/a	=	44	%	EPA 625.1	-88	-88	0	130	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Organic	Pyrene	n/a	=	2530	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Organic	Pyrene	n/a	=	112	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Organic	Pyrene	n/a	=	2500	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Organic	Pyrene	n/a	=	111	%	EPA 625.1	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Organic	Pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 625.1	-88	-88	6	124	
2023/24-PRE	Lab	srgt method blank	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 625.1	-88	-88	6	124	
2023/24-PRE	Lab	srgt LCS	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 625.1	-88	-88	6	124	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 625.1	-88	-88	6	124	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.069	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 625.1	-88	-88	6	124	
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	PCB	PCB 030	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 030	n/a	=	66	%	EPA 625.1	-88	-88	52	124	
2023/24-PRE	Lab	srgt method blank	10/6/2023	PCB	PCB 030	n/a	=	0.09	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	PCB	PCB 030	n/a	=	90	%	EPA 625.1	-88	-88	52	124	
2023/24-PRE	Lab	srgt LCS	10/6/2023	PCB	PCB 030	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	PCB	PCB 030	n/a	=	84	%	EPA 625.1	-88	-88	52	124	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	PCB	PCB 030	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	PCB	PCB 030	n/a	=	89	%	EPA 625.1	-88	-88	52	124	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	PCB	PCB 030	n/a	=	0.066	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 030	n/a	=	66	%	EPA 625.1	-88	-88	52	124	
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	PCB	PCB 112	n/a	=	0.075	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 112	n/a	=	75	%	EPA 625.1	-88	-88	49	133	
2023/24-PRE	Lab	srgt method blank	10/6/2023	PCB	PCB 112	n/a	=	0.086	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	PCB	PCB 112	n/a	=	86	%	EPA 625.1	-88	-88	49	133	
2023/24-PRE	Lab	srgt LCS	10/6/2023	PCB	PCB 112	n/a	=	0.078	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	PCB	PCB 112	n/a	=	78	%	EPA 625.1	-88	-88	49	133	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	PCB	PCB 112	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	PCB	PCB 112	n/a	=	81	%	EPA 625.1	-88	-88	49	133	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	PCB	PCB 112	n/a	=	0.065	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 112	n/a	=	65	%	EPA 625.1	-88	-88	49	133	
2023/24-PRE	Carboy Blank	srgt equip blank	10/6/2023	PCB	PCB 198	n/a	=	0.081	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Carboy Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 198	n/a	=	81	%	EPA 625.1	-88	-88	60	129	
2023/24-PRE	Lab	srgt method blank	10/6/2023	PCB	PCB 198	n/a	=	0.089	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt method blank, rec	10/6/2023	PCB	PCB 198	n/a	=	89	%	EPA 625.1	-88	-88	60	129	
2023/24-PRE	Lab	srgt LCS	10/6/2023	PCB	PCB 198	n/a	=	0.083	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS, rec	10/6/2023	PCB	PCB 198	n/a	=	83	%	EPA 625.1	-88	-88	60	129	
2023/24-PRE	Lab	srgt LCS dup	10/6/2023	PCB	PCB 198	n/a	=	0.084	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Lab	srgt LCS dup, rec	10/6/2023	PCB	PCB 198	n/a	=	84	%	EPA 625.1	-88	-88	60	129	
2023/24-PRE	Tubing Blank	srgt equip blank	10/6/2023	PCB	PCB 198	n/a	=	0.068	µg/L	EPA 625.1	-88	-88			
2023/24-PRE	Tubing Blank	srgt equip blank, rec	10/6/2023	PCB	PCB 198	n/a	=	68	%	EPA 625.1	-88	-88	60	129	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	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	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	PCB	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	matrix spike	9/9/2023	Pesticide	2,4,5-TP	n/a	=	2.22	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/9/2023	Pesticide	2,4,5-TP	n/a	=	88	%	EPA 615	-88	-88	66	147	
2023/24-PRE	Carboy Blank	equip blank	9/9/2023	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Lab	method blank	9/9/2023	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Lab	LCS	9/9/2023	Pesticide	2,4,5-TP	n/a	=	2.445	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Lab	LCS, rec	9/9/2023	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 615	-88	-88	66	147	
2023/24-PRE	Lab	LCS dup	9/9/2023	Pesticide	2,4,5-TP	n/a	=	2.625	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Lab	LCS dup, rec	9/9/2023	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 615	-88	-88	66	147	
2023/24-PRE	Lab	LCS, RPD	9/9/2023	Pesticide	2,4,5-TP	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-PRE	Tubing Blank	equip blank	9/9/2023	Pesticide	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5			
2023/24-PRE	Carboy Blank	matrix spike	9/9/2023	Pesticide	2,4-D	n/a	=	4.28	µg/L	EPA 615	0.47	1			
2023/24-PRE	Carboy Blank	matrix spike, rec	9/9/2023	Pesticide	2,4-D	n/a	=	85	%	EPA 615	-88	-88	58	159	
2023/24-PRE	Carboy Blank	equip blank	9/9/2023	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-PRE	Lab	method blank	9/9/2023	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-PRE	Lab	LCS	9/9/2023	Pesticide	2,4-D	n/a	=	4.96	µg/L	EPA 615	0.47	1			
2023/24-PRE	Lab	LCS, rec	9/9/2023	Pesticide	2,4-D	n/a	=	99	%	EPA 615	-88	-88	58	159	
2023/24-PRE	Lab	LCS dup	9/9/2023	Pesticide	2,4-D	n/a	=	5.05	µg/L	EPA 615	0.47	1			
2023/24-PRE	Lab	LCS dup, rec	9/9/2023	Pesticide	2,4-D	n/a	=	101	%	EPA 615	-88	-88	58	159	
2023/24-PRE	Lab	LCS, RPD	9/9/2023	Pesticide	2,4-D	n/a	=	0	%	EPA 615	-88	-88	0	30	
2023/24-PRE	Tubing Blank	equip blank	9/9/2023	Pesticide	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	4,4'-DDD	n/a	=	0.44	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	4,4'-DDD	n/a	=	0.445	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	4,4'-DDD	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	4,4'-DDE	n/a	=	0.507	µg/L	EPA 625.1	0.0008	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	
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	4,4'-DDE	n/a	=	101	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	4,4'-DDE	n/a	=	0.517	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	4,4'-DDE	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	4,4'-DDT	n/a	=	0.453	µg/L	EPA 625.1	0.0005	0.002			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	4,4'-DDT	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	4,4'-DDT	n/a	=	0.461	µg/L	EPA 625.1	0.0005	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Aldrin	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Aldrin	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Aldrin	n/a	=	0.465	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Aldrin	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Aldrin	n/a	=	6	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	alpha-BHC	n/a	=	0.443	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	alpha-BHC	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	alpha-BHC	n/a	=	0.456	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	alpha-BHC	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	alpha-BHC	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	alpha-Chlordane	n/a	=	0.412	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	alpha-Chlordane	n/a	=	82	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	alpha-Chlordane	n/a	=	0.418	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	alpha-Chlordane	n/a	=	84	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	alpha-Chlordane	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Atrazine	n/a	=	0.627	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Atrazine	n/a	=	125	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Atrazine	n/a	=	0.62	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Atrazine	n/a	=	124	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Atrazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	beta-BHC	n/a	=	0.464	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	beta-BHC	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	beta-BHC	n/a	=	0.467	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	beta-BHC	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	beta-BHC	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Chlorpyrifos	n/a	=	0.466	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Chlorpyrifos	n/a	=	0.469	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Chlorpyrifos	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Cyanazine	n/a	=	0.406	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Cyanazine	n/a	=	81	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Cyanazine	n/a	=	0.413	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Cyanazine	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Cyanazine	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	delta-BHC	n/a	=	0.433	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	delta-BHC	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	delta-BHC	n/a	=	0.448	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	delta-BHC	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	delta-BHC	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Diazinon	n/a	=	0.448	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Diazinon	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Diazinon	n/a	=	0.464	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Diazinon	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Diazinon	n/a	=	3	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Dieldrin	n/a	=	0.456	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Dieldrin	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Dieldrin	n/a	=	0.477	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Dieldrin	n/a	=	95	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Dieldrin	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Endosulfan I	n/a	=	0.514	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Endosulfan I	n/a	=	103	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Endosulfan I	n/a	=	0.536	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Endosulfan I	n/a	=	107	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Endosulfan I	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Endosulfan II	n/a	=	0.436	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Endosulfan II	n/a	=	87	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Endosulfan II	n/a	=	0.414	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Endosulfan II	n/a	=	83	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Endosulfan II	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Endosulfan sulfate	n/a	=	0.427	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Endosulfan sulfate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Endosulfan sulfate	n/a	=	0.425	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Endosulfan sulfate	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Endosulfan sulfate	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Endrin	n/a	=	1.39	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Endrin	n/a	=	93	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Endrin	n/a	=	1.45	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Endrin	n/a	=	97	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Endrin	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Endrin aldehyde	n/a	=	0.329	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Endrin aldehyde	n/a	=	0.307	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Endrin aldehyde	n/a	=	61	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.447	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.457	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	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	
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	gamma-Chlordane	n/a	=	0.441	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	gamma-Chlordane	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	gamma-Chlordane	n/a	=	0.451	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	gamma-Chlordane	n/a	=	90	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	gamma-Chlordane	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002			
2023/24-PRE	000NONPJ	matrix spike	9/6/2023	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-PRE	000NONPJ	matrix spike, rec	9/6/2023	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-PRE	Carboy Blank	equip blank	9/6/2023	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-PRE	Lab	method blank	9/6/2023	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-PRE	Lab	LCS	9/6/2023	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-PRE	Lab	LCS, rec	9/6/2023	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-PRE	Lab	LCS dup	9/6/2023	Pesticide	Glyphosate	n/a	=	50.5	µg/L	EPA 547	2.1	5			
2023/24-PRE	Lab	LCS dup, rec	9/6/2023	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	86	110	
2023/24-PRE	Lab	LCS, RPD	9/6/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	
2023/24-PRE	Tubing Blank	equip blank	9/6/2023	Pesticide	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Heptachlor	n/a	=	0.46	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Heptachlor	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Heptachlor	n/a	=	0.462	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Heptachlor	n/a	=	92	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Heptachlor	n/a	=	0	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Heptachlor epoxide	n/a	=	0.441	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Heptachlor epoxide	n/a	=	0.443	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Heptachlor epoxide	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Malathion	n/a	=	0.426	µg/L	EPA 625.1	0.0025	0.005			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Malathion	n/a	=	85	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Malathion	n/a	=	0.444	µg/L	EPA 625.1	0.0025	0.005			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Malathion	n/a	=	89	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Malathion	n/a	=	5	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Pentachlorophenol	n/a	=	1.09	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Pentachlorophenol	n/a	=	1.13	µg/L	EPA 625.1	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Pentachlorophenol	n/a	=	113	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Prometryn	n/a	=	0.657	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Prometryn	n/a	=	131	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Prometryn	n/a	=	0.639	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Prometryn	n/a	=	128	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Prometryn	n/a	=	2	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	method blank	10/6/2023	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS	10/6/2023	Pesticide	Simazine	n/a	=	0.668	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS, rec	10/6/2023	Pesticide	Simazine	n/a	=	134	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/6/2023	Pesticide	Simazine	n/a	=	0.673	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Lab	LCS dup, rec	10/6/2023	Pesticide	Simazine	n/a	=	135	%	EPA 625.1	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/6/2023	Pesticide	Simazine	n/a	=	1	%	EPA 625.1	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01			
2023/24-PRE	Carboy Blank	equip blank	10/6/2023	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-PRE	Lab	method blank	10/5/2023	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-PRE	Lab	LCS	10/5/2023	Pesticide	Toxaphene	n/a	=	5.93	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-PRE	Lab	LCS, rec	10/5/2023	Pesticide	Toxaphene	n/a	=	119	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-PRE	Lab	LCS dup	10/5/2023	Pesticide	Toxaphene	n/a	=	6.07	µg/L	EPA 625.1-NCI	0.01	0.025			
2023/24-PRE	Lab	LCS dup, rec	10/5/2023	Pesticide	Toxaphene	n/a	=	121	%	EPA 625.1-NCI	-88	-88	50	150	
2023/24-PRE	Lab	LCS, RPD	10/5/2023	Pesticide	Toxaphene	n/a	=	2	%	EPA 625.1-NCI	-88	-88	0	25	
2023/24-PRE	Tubing Blank	equip blank	10/6/2023	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025			
2024-DRY	Lab	method blank	9/18/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2024-DRY	Lab	method blank	9/19/2024	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2024-DRY	Lab	method blank	9/18/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2024-DRY	Lab	method blank	9/19/2024	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2024-DRY	000NONPJ	matrix spike	10/3/2024	Cation	Calcium	Total	=	100	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	000NONPJ	matrix spike, rec	10/3/2024	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike dup	10/3/2024	Cation	Calcium	Total	=	100	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	000NONPJ	matrix spike dup, rec	10/3/2024	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike, RPD	10/3/2024	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2024-DRY	000NONPJ	matrix spike	10/5/2024	Cation	Calcium	Total	=	102	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	000NONPJ	matrix spike, rec	10/5/2024	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike dup	10/5/2024	Cation	Calcium	Total	=	101	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	000NONPJ	matrix spike dup, rec	10/5/2024	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike, RPD	10/5/2024	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2024-DRY	Lab	method blank	10/3/2024	Cation	Calcium	Total	<	0.024	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	Lab	LCS	10/3/2024	Cation	Calcium	Total	=	52.1	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	Lab	LCS, rec	10/3/2024	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2024-DRY	Lab	method blank	10/5/2024	Cation	Calcium	Total	<	0.024	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	Lab	LCS	10/5/2024	Cation	Calcium	Total	=	52.4	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	Lab	LCS, rec	10/5/2024	Cation	Calcium	Total	=	104	%	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	
2024-DRY	MO-CAM	matrix spike	10/3/2024	Cation	Calcium	Total	=	141	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	MO-CAM	matrix spike, rec	10/3/2024	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2024-DRY	MO-CAM	matrix spike dup	10/3/2024	Cation	Calcium	Total	=	140	mg/L	EPA 200.7	0.024	0.5			
2024-DRY	MO-CAM	matrix spike dup, rec	10/3/2024	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2024-DRY	MO-CAM	matrix spike, RPD	10/3/2024	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2024-DRY	000NONPJ	matrix spike	10/3/2024	Cation	Magnesium	Total	=	74.3	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	000NONPJ	matrix spike, rec	10/3/2024	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike dup	10/3/2024	Cation	Magnesium	Total	=	74.6	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	000NONPJ	matrix spike dup, rec	10/3/2024	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2024-DRY	000NONPJ	matrix spike, RPD	10/3/2024	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2024-DRY	Lab	method blank	10/3/2024	Lab	Magnesium	Total	<	0.0148	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	Lab	LCS	10/3/2024	Cation	Magnesium	Total	=	52.3	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	Lab	LCS, rec	10/3/2024	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2024-DRY	MO-CAM	matrix spike	10/3/2024	Cation	Magnesium	Total	=	79.4	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	MO-CAM	matrix spike, rec	10/3/2024	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2024-DRY	MO-CAM	matrix spike dup	10/3/2024	Cation	Magnesium	Total	=	79.5	mg/L	EPA 200.7	0.0148	0.5			
2024-DRY	MO-CAM	matrix spike dup, rec	10/3/2024	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2024-DRY	MO-CAM	matrix spike, RPD	10/3/2024	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2024-DRY	000NONPJ	matrix spike	9/25/2024	Conventional	Total Organic Carbon	n/a	=	12.7	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/25/2024	Conventional	Total Organic Carbon	n/a	=	12.5	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/25/2024	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/25/2024	Conventional	Total Organic Carbon	n/a	=	5.23	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/25/2024	Conventional	Total Organic Carbon	n/a	=	5.28	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/25/2024	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/25/2024	Conventional	Total Organic Carbon	n/a	=	6.65	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/25/2024	Conventional	Total Organic Carbon	n/a	=	6.6	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/25/2024	Conventional	Total Organic Carbon	n/a	=	0.7	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/25/2024	Conventional	Total Organic Carbon	n/a	=	5.7	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/26/2024	Conventional	Total Organic Carbon	n/a	=	5.65	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/26/2024	Conventional	Total Organic Carbon	n/a	=	0.8	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/26/2024	Conventional	Total Organic Carbon	n/a	=	4.95	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/26/2024	Conventional	Total Organic Carbon	n/a	=	4.91	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/26/2024	Conventional	Total Organic Carbon	n/a	=	0.8	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/26/2024	Conventional	Total Organic Carbon	n/a	=	4.98	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/26/2024	Conventional	Total Organic Carbon	n/a	=	4.84	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	80	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	
2024-DRY	000NONPJ	matrix spike, RPD	9/26/2024	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/27/2024	Conventional	Total Organic Carbon	n/a	=	17.4	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike, rec	9/27/2024	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/27/2024	Conventional	Total Organic Carbon	n/a	=	17.4	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	000NONPJ	matrix spike dup, rec	9/27/2024	Conventional	Total Organic Carbon	n/a	=	109	%	SM 5310 B	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/27/2024	Conventional	Total Organic Carbon	n/a	=	0.06	%	SM 5310 B	-88	-88	0	25	
2024-DRY	Lab	method blank	9/25/2024	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS	9/25/2024	Conventional	Total Organic Carbon	n/a	=	0.966	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	80	120	
2024-DRY	Lab	method blank	9/25/2024	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS	9/25/2024	Conventional	Total Organic Carbon	n/a	=	1.08	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS, rec	9/25/2024	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 B	-88	-88	80	120	
2024-DRY	Lab	method blank	9/26/2024	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS	9/26/2024	Conventional	Total Organic Carbon	n/a	=	1.06	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	106	%	SM 5310 B	-88	-88	80	120	
2024-DRY	Lab	method blank	9/26/2024	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS	9/26/2024	Conventional	Total Organic Carbon	n/a	=	1.05	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	Lab	LCS, rec	9/26/2024	Conventional	Total Organic Carbon	n/a	=	105	%	SM 5310 B	-88	-88	80	120	
2024-DRY	MO-THO	matrix spike	9/27/2024	Conventional	Total Organic Carbon	n/a	=	7.46	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	MO-THO	matrix spike, rec	9/27/2024	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	80	120	
2024-DRY	MO-THO	matrix spike dup	9/27/2024	Conventional	Total Organic Carbon	n/a	=	7.25	mg/L	SM 5310 B	0.19	0.3			
2024-DRY	MO-THO	matrix spike dup, rec	9/27/2024	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	80	120	
2024-DRY	MO-THO	matrix spike, RPD	9/27/2024	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Copper	Dissolved	=	62.2	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Copper	Dissolved	=	116	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Copper	Dissolved	=	62.5	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Copper	Dissolved	=	117	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Copper	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Copper	Dissolved	=	49.3	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Copper	Dissolved	=	96	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Copper	Dissolved	=	49.6	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Copper	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	25	
2024-DRY	Lab	method blank	9/30/2024	Metal	Copper	Dissolved	DNQ	0.332	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	Lab	LCS	9/30/2024	Metal	Copper	Dissolved	=	55.9	µg/L	EPA 200.8	0.23	0.5			
2024-DRY	Lab	LCS, rec	9/30/2024	Metal	Copper	Dissolved	=	112	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Lead	Dissolved	=	58.5	µg/L	EPA 200.8	0.083	0.2			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Lead	Dissolved	=	116	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Lead	Dissolved	=	58.7	µg/L	EPA 200.8	0.083	0.2			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Lead	Dissolved	=	116	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Lead	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Lead	Dissolved	=	54.8	µg/L	EPA 200.8	0.083	0.2			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Lead	Dissolved	=	110	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Lead	Dissolved	=	54.7	µg/L	EPA 200.8	0.083	0.2			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Lead	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Lead	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	25	
2024-DRY	Lab	method blank	9/30/2024	Metal	Lead	Dissolved	<	0.2	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	
2024-DRY	Lab	LCS	9/30/2024	Metal	Lead	Dissolved	=	52.8	µg/L	EPA 200.8	0.083	0.2			
2024-DRY	Lab	LCS, rec	9/30/2024	Metal	Lead	Dissolved	=	105	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Zinc	Dissolved	=	59.5	µg/L	EPA 200.8	1.7	10			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Zinc	Dissolved	=	109	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Zinc	Dissolved	=	58	µg/L	EPA 200.8	1.7	10			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Zinc	Dissolved	=	3	%	EPA 200.8	-88	-88	0	25	
2024-DRY	000NONPJ	matrix spike	9/30/2024	Metal	Zinc	Dissolved	=	51.6	µg/L	EPA 200.8	1.7	10			
2024-DRY	000NONPJ	matrix spike, rec	9/30/2024	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike dup	9/30/2024	Metal	Zinc	Dissolved	=	52.3	µg/L	EPA 200.8	1.7	10			
2024-DRY	000NONPJ	matrix spike dup, rec	9/30/2024	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	80	120	
2024-DRY	000NONPJ	matrix spike, RPD	9/30/2024	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	25	
2024-DRY	Lab	method blank	9/30/2024	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2024-DRY	Lab	LCS	9/30/2024	Metal	Zinc	Dissolved	=	53.1	µg/L	EPA 200.8	1.7	10			
2024-DRY	Lab	LCS, rec	9/30/2024	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	80	120	

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	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/18/2024 4:31:00 PM	E. Coli	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/18/2024 4:31:00 PM	Total Coliform	n/a	=	224700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	10/3/2024 10:17:00 PM	Calcium	Total	=	266	mg/L	EPA 200.7	0.024	0.5	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	10/3/2024 10:17:00 PM	Magnesium	Total	=	97.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Conductivity	n/a	=	3033	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Discharge	n/a	<	0.12	cfs	Field Estimate	-88	-88	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	DO	n/a	=	2.66	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	DO	n/a	=	29.6	%	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	10/3/2024 10:17:00 PM	Hardness as CaCO3	Total	=	1060	mg/L	EPA 200.7	0.121	3.31	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	pH	n/a	=	7.66	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Salinity	n/a	=	1800	mg/L	Field Meter	-88	100	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Specific Conductance	n/a	=	3335	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Temperature	n/a	=	2031	°C	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/26/2024 3:23:00 AM	Total Organic Carbon	n/a	=	6.1	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/17/2024 1:10:00 PM	Turbidity	n/a	=	20.8	NTU	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/30/2024 2:44:00 PM	Copper	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/30/2024 2:44:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-HUE3	2024-DRY	Dry	9/17/2024 1:10:00 PM	9/30/2024 2:44:00 PM	Zinc	Dissolved	DNQ	2	µg/L	EPA 200.8	1.7	10	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/18/2024 3:27:00 PM	E. Coli	n/a	=	148	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/18/2024 3:27:00 PM	Total Coliform	n/a	=	45690	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	10/3/2024 10:20:00 PM	Calcium	Total	=	127	mg/L	EPA 200.7	0.024	0.5	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	10/3/2024 10:20:00 PM	Magnesium	Total	=	52.4	mg/L	EPA 200.7	0.0148	0.5	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Conductivity	n/a	=	631	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Discharge	n/a	=	0.02	cfs	Field Estimate	-88	-88	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	DO	n/a	=	108.2	%	Field Meter	-88	0.1	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	DO	n/a	=	10.14	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	10/3/2024 10:20:00 PM	Hardness as CaCO3	Total	=	532	mg/L	EPA 200.7	0.121	3.31	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	pH	n/a	=	8.85	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Specific Conductance	n/a	=	718	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Temperature	n/a	=	18.4	°C	Field Meter	-88	0.1	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/25/2024 2:44:00 PM	Total Organic Carbon	n/a	=	2.9	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/17/2024 9:55:00 AM	Turbidity	n/a	=	4.4	NTU	Field Meter	-88	0.01	Field Crew	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/30/2024 2:46:00 PM	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/30/2024 2:46:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-SPA2	2024-DRY	Dry	9/17/2024 9:55:00 AM	9/30/2024 2:46:00 PM	Zinc	Dissolved	DNQ	6.1	µg/L	EPA 200.8	1.7	10	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/19/2024 4:10:00 PM	E. Coli	n/a	=	860	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/19/2024 4:10:00 PM	Total Coliform	n/a	=	32550	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	10/5/2024 2:44:00 AM	Calcium	Total	=	385	mg/L	EPA 200.7	0.12	2.5	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	10/3/2024 10:29:00 PM	Magnesium	Total	=	293	mg/L	EPA 200.7	0.0148	0.5	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Conductivity	n/a	=	3254	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Discharge	n/a	=	0.03	cfs	Field Estimate	-88	-88	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	DO	n/a	=	9.56	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	DO	n/a	=	103.8	%	Field Meter	-88	0.1	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	10/5/2024 2:44:00 AM	Hardness as CaCO3	Total	=	2170	mg/L	EPA 200.7	0.361	8.3	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	pH	n/a	=	7.91	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Salinity	n/a	=	2000	mg/L	Field Meter	-88	100	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Specific Conductance	n/a	=	3691	µmhos/cm	Field Meter	-88	1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Temperature	n/a	=	18.8	°C	Field Meter	-88	0.1	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/27/2024 5:58:00 AM	Total Organic Carbon	n/a	=	5.3	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/18/2024 11:25:00 AM	Turbidity	n/a	=	1	NTU	Field Meter	-88	0.01	Field Crew	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/30/2024 3:19:00 PM	Copper	Dissolved	=	1.5	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/30/2024 3:19:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-UNI2	2024-DRY	Dry	9/18/2024 11:25:00 AM	9/30/2024 3:19:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/17/2023 12:10:00 PM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/17/2023 12:10:00 PM	Total Coliform	n/a	=	325500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	Conductivity	n/a	=	1197	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	DO	n/a	=	82	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	DO	n/a	=	8.1	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	pH	n/a	=	8.08	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	Salinity	n/a	=	740	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	Specific Conductance	n/a	=	1458	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/16/2023 8:25:00 AM	Temperature	n/a	=	15.7	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:25:00 AM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	181	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/1/2023	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	203	mg/L	SM 2320 B	1	1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/22/2023	BOD	n/a	=	3.9	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/24/2023	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/28/2023 5:13:28 PM	Hardness as CaCO3	Total	=	443	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.113	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	1280	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 9:30:00 AM	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012	PHYSIS	EST-HT
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	868	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	9.16	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	39.8	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	44.5	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	10.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023	TPH as Diesel C10-C28	n/a	=	0.11	mg/L	EPA 8015B	0.046	0.098	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023	TPH as Gasoline C6-C10	n/a	<	0.046	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/21/2023	TPH as Motor Oil C28-C44	n/a	<	0.046	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Aluminum	Dissolved	DNQ	2.18	µg/L	EPA 200.8	1.65	8.25	PHYSIS	HB-MSR
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Aluminum	Total	=	817	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Antimony	Dissolved	=	0.528	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Antimony	Total	=	0.496	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Arsenic	Dissolved	=	3.54	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Arsenic	Total	=	3.89	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Barium	Dissolved	=	32.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Barium	Total	=	44.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Beryllium	Total	=	0.058	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Cadmium	Dissolved	=	0.17	µg/L	EPA 200.8	0.007	0.023	PHYSIS	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Cadmium	Total	=	0.289	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Chromium	Dissolved	=	0.394	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Chromium	Total	=	2.96	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/28/2023	Chromium VI	n/a	DNQ	0.43	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Copper	Dissolved	=	2.75	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Copper	Total	=	4.93	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Iron	Dissolved	=	9.78	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Iron	Total	=	1160	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Lead	Dissolved	DNQ	0.016	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Lead	Total	=	0.918	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	1.32	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	4.99	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Nickel	Dissolved	=	5.08	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Nickel	Total	=	7.56	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Selenium	Dissolved	=	1.31	µg/L	EPA 200.8	0.021	0.068	PHYSIS	EST-LD
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Selenium	Total	=	1.32	µg/L	EPA 200.8	0.021	0.068	PHYSIS	EST-LD
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Silver	Dissolved	=	0.235	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Silver	Total	=	0.209	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 1:51:34 PM	Zinc	Dissolved	=	10.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/26/2023 3:00:06 PM	Zinc	Total	=	23.1	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	0.14	mg/L	SM 4500-NH3 D	0.007	0.03	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	8.88	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/17/2023 9:09:00 PM	Nitrate as N	n/a	=	9.13	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	2.6	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	2.78	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	1.71	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benzo(a)pyrene	n/a	DNQ	0.0048	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.0179	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Diethyl phthalate	n/a	=	0.073	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Dimethyl phthalate	n/a	=	0.0246	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Fluoranthene	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Naphthalene	n/a	DNQ	0.0041	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Phenanthrene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Pyrene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/28/2023 12:06:36 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/28/2023 12:06:36 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4,4'-DDD	n/a	DNQ	0.0009	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4,4'-DDE	n/a	=	0.0065	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	4,4'-DDT	n/a	=	0.0621	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	alpha-Chlordane	n/a	DNQ	0.0019	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	gamma-Chlordane	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	11/27/2023 8:12:51 PM	Glyphosate	n/a	=	8.9	µg/L	EPA 547	2.1	5	NCL	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Malathion	n/a	=	0.0097	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/22/2023 11:52:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-1	Wet	11/16/2023 8:45:00 AM	12/15/2023 4:58:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCl	0.01	0.025	PHYSIS	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	318	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	46110	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	Conductivity	n/a	=	1080	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	DO	n/a	=	94.6	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	DO	n/a	=	9.42	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	pH	n/a	=	8.06	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	Salinity	n/a	=	670	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	Specific Conductance	n/a	=	1324	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/20/2024 9:40:00 AM	Temperature	n/a	=	15.3	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
ME-CC	2023/24-3	Wet	1/20/2024 9:40:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	157	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.55	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	1	1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/27/2024	BOD	n/a	<	3	mg/L	SM 5210 B	3	3	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024	COD	n/a	=	21	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/11/2024 12:03:00 PM	Hardness as CaCO3	Total	=	412	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	958	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/22/2024 10:45:00 AM	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012	PHYSIS	EST-HT
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	712	mg/L	SM 2540 C	6.3	10	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	5.14	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	60.4	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	44.3	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	8.33	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	DNQ	0.092	mg/L	EPA 8015B	0.047	0.1	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.05	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	UL-MB
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Aluminum	Total	=	1550	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Antimony	Dissolved	=	0.973	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Antimony	Total	=	0.309	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Arsenic	Dissolved	=	3.11	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Arsenic	Total	=	3.02	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Barium	Dissolved	=	26.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Barium	Total	=	42	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Beryllium	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Beryllium	Total	=	0.065	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Cadmium	Dissolved	=	0.051	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Cadmium	Total	=	0.164	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Chromium	Dissolved	=	0.528	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Chromium	Total	=	5.25	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.49	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Copper	Dissolved	=	2.03	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Copper	Total	=	5.32	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Iron	Dissolved	=	12.5	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Iron	Total	=	1940	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Lead	Dissolved	=	0.06	µg/L	EPA 200.8	0.007	0.021	PHYSIS	EST-LD
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Lead	Total	=	1.18	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	1.77	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	5.2	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Nickel	Dissolved	=	2.59	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Nickel	Total	=	4.91	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Selenium	Dissolved	=	1.62	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Selenium	Total	=	1.9	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Silver	Dissolved	=	0.049	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Silver	Total	=	0.544	µg/L	EPA 200.8	0.01	0.02	PHYSIS	EST-LD
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Thallium	Dissolved	DNQ	0.035	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Thallium	Total	DNQ	0.028	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/12/2024 7:02:00 PM	Zinc	Dissolved	=	7.84	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	4/17/2024 2:21:00 PM	Zinc	Total	=	21.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.052	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	2.32	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/22/2024 5:55:00 PM	Nitrate as N	n/a	=	4.9	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	1.29	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	1.89	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benzo(a)anthracene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.235	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Butyl benzyl phthalate	n/a	=	0.168	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Chrysene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Diethyl phthalate	n/a	=	0.15	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Dimethyl phthalate	n/a	=	0.0552	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Di-n-butylphthalate	n/a	=	0.136	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Fluoranthene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Fluorene	n/a	DNQ	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Naphthalene	n/a	=	0.0092	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Phenanthrene	n/a	DNQ	0.0028	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Pyrene	n/a	DNQ	0.0029	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/3/2024 8:42:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	2/3/2024 8:42:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4,4'-DDE	n/a	=	0.0094	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	1/31/2024 6:53:00 PM	Glyphosate	n/a	DNQ	3.3	µg/L	EPA 547	2.1	5	NCL	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/4/2024 7:11:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-3	Wet	1/21/2024 8:49:00 AM	3/6/2024 10:01:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/2/2024 8:00:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/2/2024 8:00:00 AM	Total Coliform	n/a	=	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	Conductivity	n/a	=	267	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	DO	n/a	=	9.42	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	DO	n/a	=	90	%	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	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	pH	n/a	=	8.19	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	Specific Conductance	n/a	=	344.1	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/1/2024 11:55:00 AM	Temperature	n/a	=	13.3	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
ME-CC	2023/24-4	Wet	2/1/2024 11:55:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/28/2024 5:10:00 PM	Chloride	n/a	=	27.2	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.231	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	83	mg/L	SM 2320 B	1	1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/8/2024	BOD	n/a	=	3.5	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/8/2024	COD	n/a	=	67	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/20/2024 11:26:00 PM	Hardness as CaCO3	Total	=	235	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/3/2024 12:35:00 PM	MBAS	n/a	DNQ	0.036	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	346	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/2/2024 1:15:00 PM	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012	PHYSIS	EST-HT
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	232	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	0.57	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	788	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	1010	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	83.3	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/6/2024	TPH as Diesel C10-C28	n/a	DNQ	0.092	mg/L	EPA 8015B	0.066	0.097	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/6/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.08	mg/L	EPA 8015B	0.066	0.29	ENTHALPY	UL-MB
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/6/2024	TPH as Motor Oil C28-C44	n/a	<	0.066	mg/L	EPA 8015B	0.066	0.29	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Aluminum	Dissolved	DNQ	6.26	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Aluminum	Total	=	17000	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Antimony	Dissolved	=	0.357	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Antimony	Total	=	0.36	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Arsenic	Dissolved	=	2.24	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Arsenic	Total	=	3.95	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Barium	Dissolved	=	18.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Barium	Total	=	274	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Beryllium	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Beryllium	Total	=	1.07	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Cadmium	Dissolved	=	0.163	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Cadmium	Total	=	3.44	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Chromium	Dissolved	=	0.566	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Chromium	Total	=	38.5	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/8/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Copper	Dissolved	=	2.58	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Copper	Total	=	43.3	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Iron	Dissolved	=	26.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Iron	Total	=	22900	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Lead	Dissolved	=	0.124	µg/L	EPA 200.8	0.007	0.021	PHYSIS	EST-LD
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Lead	Total	=	17.4	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.66	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/13/2024 11:00:00 AM	Mercury	Total	=	19.1	ng/L	EPA 1631E	0.04	0.2	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Nickel	Dissolved	=	2.26	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Nickel	Total	=	54.1	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Selenium	Dissolved	=	0.932	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Selenium	Total	=	0.742	µg/L	EPA 200.8	0.021	0.068	PHYSIS	EST-LD
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Silver	Dissolved	=	0.033	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Silver	Total	=	0.05	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Thallium	Dissolved	=	0.15	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Thallium	Total	=	0.379	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 5:35:00 AM	Zinc	Dissolved	=	2.96	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/28/2024 6:55:00 AM	Zinc	Total	=	175	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.101	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	1.75	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/3/2024 11:40:00 AM	Nitrate as N	n/a	=	2.52	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.594	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	2.68	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/15/2024 10:04:00 AM	TKN	n/a	=	2.69	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Anthracene	n/a	DNQ	0.0031	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benz(a)anthracene	n/a	=	0.0057	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benzo(a)pyrene	n/a	=	0.0055	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benzo(b)fluoranthene	n/a	=	0.0098	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0068	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.0047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.409	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Butyl benzyl phthalate	n/a	=	0.221	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Chrysene	n/a	=	0.0109	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Diethyl phthalate	n/a	=	0.111	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Dimethyl phthalate	n/a	=	0.042	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Di-n-butylphthalate	n/a	=	0.0764	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Fluoranthene	n/a	=	0.0161	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Fluorene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0058	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Naphthalene	n/a	=	0.0062	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Phenanthrene	n/a	=	0.0104	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Pyrene	n/a	=	0.0179	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/19/2024 2:53:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/19/2024 2:53:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4,4'-DDD	n/a	=	0.0088	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4,4'-DDE	n/a	=	0.0561	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	4,4'-DDT	n/a	=	0.0404	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	alpha-Chlordane	n/a	=	0.0044	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	gamma-Chlordane	n/a	DNQ	0.0019	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	2/14/2024 2:12:00 AM	Glyphosate	n/a	=	5.5	µg/L	EPA 547	2.1	5	NCL	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Malathion	n/a	=	0.0367	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Pentachlorophenol	n/a	=	0.16	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/18/2024 8:53:00 PM	Simazine	n/a	=	0.565	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-4	Wet	2/2/2024 7:22:00 AM	3/15/2024 11:25:00 PM	Toxaphene	n/a	=	0.238	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/15/2024 2:57:00 PM	Chloride	n/a	=	182	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/15/2024 2:57:00 PM	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/30/2024 5:52:00 AM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/21/2024 1:30:00 PM	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	1	1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/20/2024 11:00:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/18/2024 3:20:00 PM	COD	n/a	=	9	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 3:03:00 PM	Hardness as CaCO3	Total	=	508	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/15/2024 1:00:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	1430	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/16/2024 8:15:00 AM	Total Chlorine Residual	n/a	<	0.006	mg/L	SM 4500-Cl D	0.006	0.012	PHYSIS	EST-HT
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	978	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/11/2024 8:00:00 AM	Total Organic Carbon	n/a	=	3.79	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	8.84	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/16/2024 7:30:00 AM	Turbidity	n/a	=	8.36	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	1.52	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/24/2024 9:03:00 PM	TPH as Diesel C10-C28	n/a	=	0.06	mg/L	EPA 8015B	0.037	0.051	Eurofins_Tustin	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/22/2024 8:55:00 PM	TPH as Gasoline C6-C10	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/24/2024 9:03:00 PM	TPH as Motor Oil C28-C44	n/a	<	0.037	mg/L	EPA 8015B	0.037	0.051	Eurofins_Tustin	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Aluminum	Total	=	200	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Antimony	Dissolved	DNQ	0.144	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Arsenic	Dissolved	=	2.97	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Barium	Dissolved	=	34.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Barium	Total	=	34.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Chromium	Dissolved	=	0.384	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Chromium	Total	=	1.07	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/29/2024 4:15:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Copper	Dissolved	=	1.32	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Copper	Total	=	2.15	µg/L	EPA 200.8	0.007	0.022	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Iron	Dissolved	DNQ	4.95	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Iron	Total	=	323	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Lead	Dissolved	=	0.027	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Lead	Total	=	0.162	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.8	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	2.58	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Nickel	Dissolved	=	3.85	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Nickel	Total	=	4.82	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Selenium	Dissolved	=	1.81	µg/L	EPA 200.8	0.021	0.068	PHYSIS	EST-LD, PMQO
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Selenium	Total	=	0.864	µg/L	EPA 200.8	0.021	0.068	PHYSIS	EST-LD
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Silver	Dissolved	=	0.035	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Thallium	Dissolved	DNQ	0.025	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 11:07:00 PM	Zinc	Dissolved	=	10.9	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/4/2024 11:29:00 AM	Zinc	Total	=	11.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	=	0.061	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	8.71	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/15/2024 2:57:00 PM	Nitrate as N	n/a	=	6.76	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	=	1.77	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	1.98	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/30/2024 6:28:00 PM	TKN	n/a	DNQ	0.257	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Acenaphthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.181	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRPD, UL-
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Butyl benzyl phthalate	n/a	=	0.391	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Diethyl phthalate	n/a	=	0.953	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Dimethyl phthalate	n/a	=	0.125	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Di-n-butylphthalate	n/a	=	0.222	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRPD, UL-
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Fluorene	n/a	DNQ	0.0035	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Naphthalene	n/a	=	0.0059	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Phenanthrene	n/a	DNQ	0.0044	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/6/2024 9:12:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/6/2024 9:12:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4,4'-DDE	n/a	=	0.0025	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	5/20/2024 12:17:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Malathion	n/a	=	0.0074	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Prometryn	n/a	=	0.0124	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/13/2024 9:07:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:03:00 AM	6/17/2024 7:55:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/15/2024 4:33:00 PM	E. Coli	n/a	=	1274	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/15/2024 4:33:00 PM	Total Coliform	n/a	=	23100	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	Conductivity	n/a	=	1397	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/20/2024 9:03:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	DO	n/a	=	9.07	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	DO	n/a	=	99.2	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	pH	n/a	=	8.25	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	Salinity	n/a	=	790	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	Specific Conductance	n/a	=	1561	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/14/2024 11:05:00 AM	Temperature	n/a	=	19.5	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/17/2024	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5	ENTHALPY	
ME-CC	2023/24-6	Dry	5/14/2024 11:05:00 AM	5/17/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	66.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.788	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/1/2023	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	246	mg/L	SM 2320 B	1	1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/22/2023	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/24/2023	COD	n/a	<	1.6	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/28/2023 5:16:46 PM	Hardness as CaCO3	Total	=	704	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.0521	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	1280	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	1060	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	3.08	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	83.4	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	34.8	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	9.58	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023	TPH as Diesel C10-C28	n/a	DNQ	0.053	mg/L	EPA 8015B	0.045	0.096	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023	TPH as Gasoline C6-C10	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/21/2023	TPH as Motor Oil C28-C44	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29	ENTHALPY	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Aluminum	Dissolved	DNQ	3.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Aluminum	Total	=	209	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Antimony	Dissolved	=	0.292	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Antimony	Total	=	0.314	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Arsenic	Dissolved	=	1.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Arsenic	Total	=	1.01	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Barium	Dissolved	=	49.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Barium	Total	=	52.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Cadmium	Total	=	0.13	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Chromium	Total	=	0.234	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/28/2023	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Copper	Dissolved	=	0.953	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Copper	Total	=	1.38	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Iron	Total	=	336	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Lead	Total	=	0.163	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	0.774	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	1.5	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Nickel	Dissolved	=	1.7	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Nickel	Total	=	1.97	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Selenium	Dissolved	=	3.76	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Selenium	Total	=	3.81	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Silver	Dissolved	=	0.209	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Silver	Total	=	0.193	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 2:02:07 PM	Zinc	Dissolved	=	0.521	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/26/2023 3:10:40 PM	Zinc	Total	=	2.51	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	DNQ	0.02	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	3.33	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.0572	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	0.0564	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	DNQ	0.324	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benzo(a)pyrene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.0104	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Butyl benzyl phthalate	n/a	DNQ	0.0178	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Diethyl phthalate	n/a	=	0.025	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Fluoranthene	n/a	DNQ	0.003	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Naphthalene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Phenanthrene	n/a	DNQ	0.0029	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Pyrene	n/a	DNQ	0.004	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory 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	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/28/2023 12:37:48 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/28/2023 12:37:48 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4,4'-DDE	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	4,4'-DDT	n/a	=	0.0229	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	alpha-Chlordane	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	gamma-Chlordane	n/a	DNQ	0.001	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	11/27/2023 8:34:39 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/22/2023 11:36:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:30:00 AM	12/15/2023 2:40:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/17/2023 12:10:00 PM	E. Coli	n/a	=	581	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/17/2023 12:10:00 PM	Total Coliform	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	Conductivity	n/a	=	1217	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	DO	n/a	=	9.65	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	DO	n/a	=	95.9	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	pH	n/a	=	8.3	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	Salinity	n/a	=	760	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	Specific Conductance	n/a	=	1509	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/16/2023 8:40:00 AM	Temperature	n/a	=	14.9	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
ME-SCR	2023/24-1	Wet	11/16/2023 8:40:00 AM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	3448	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
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	Conductivity	n/a	=	1080	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	DO	n/a	=	9.88	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	DO	n/a	=	95.5	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	pH	n/a	=	8.23	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	Specific Conductance	n/a	=	1382	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/20/2024 8:30:00 AM	Temperature	n/a	=	13.6	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/20/2024 8:30:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	65.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.824	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	251	mg/L	SM 2320 B	1	1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/27/2024	BOD	n/a	<	3	mg/L	SM 5210 B	3	3	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024	COD	n/a	=	9	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/11/2024 12:10:00 PM	Hardness as CaCO3	Total	=	617	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.0898	mg/L	SM 5540 C	0.02	0.05	PHYSIS	EST-HT
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	1150	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	990	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	2.16	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	49	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	16.9	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	5.73	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.096	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	<	0.045	mg/L	EPA 8015B	0.045	0.29	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Aluminum	Dissolved	DNQ	1.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Aluminum	Total	=	1150	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Antimony	Dissolved	=	0.52	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Antimony	Total	=	0.299	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Arsenic	Dissolved	=	0.822	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Arsenic	Total	=	1.16	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Barium	Dissolved	=	51.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Barium	Total	=	59.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Beryllium	Total	=	0.05	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Cadmium	Dissolved	=	0.057	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Cadmium	Total	=	0.15	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Chromium	Dissolved	=	0.084	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Chromium	Total	=	2.27	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/30/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Copper	Dissolved	=	0.745	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Copper	Total	=	3.26	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Iron	Dissolved	DNQ	1.64	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Iron	Total	=	1700	µg/L	EPA 200.8	1.13	5.65	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Lead	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Lead	Total	=	0.967	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	1.69	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	4.8	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Nickel	Dissolved	=	1.57	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Nickel	Total	=	2.38	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Selenium	Dissolved	=	4.27	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Selenium	Total	=	3.8	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Silver	Dissolved	=	0.02	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Silver	Total	=	0.119	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Thallium	Dissolved	DNQ	0.027	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/12/2024 7:13:00 PM	Zinc	Dissolved	=	0.219	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	4/17/2024 2:32:00 PM	Zinc	Total	=	6.02	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	<	0.007	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	3.07	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.224	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	DNQ	0.347	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benzidene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.175	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Butyl benzyl phthalate	n/a	=	0.137	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Diethyl phthalate	n/a	=	0.0858	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Dimethyl phthalate	n/a	DNQ	0.0162	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Di-n-butylphthalate	n/a	=	0.116	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Fluoranthene	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Naphthalene	n/a	=	0.006	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Phenanthrene	n/a	DNQ	0.0027	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Pyrene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/3/2024 9:13:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	2/3/2024 9:13:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	-LCSRPD, LB-L
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	1/31/2024 7:15:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/4/2024 8:56:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-3	Wet	1/21/2024 6:44:00 AM	3/6/2024 10:48:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/2/2024 8:00:00 AM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/2/2024 8:00:00 AM	Total Coliform	n/a	=	648800	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	Conductivity	n/a	=	623	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	DO	n/a	=	9.72	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	DO	n/a	=	91.1	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	pH	n/a	=	8.12	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	Specific Conductance	n/a	=	834	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/1/2024 9:15:00 AM	Temperature	n/a	=	12.4	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 9:15:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	30.4	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.523	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	138	mg/L	SM 2320 B	1	1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/8/2024	COD	n/a	=	13	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/20/2024 11:33:00 PM	Hardness as CaCO3	Total	=	443	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	853	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	616	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	DNQ	0.365	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	1080	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	608	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	76.1	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/6/2024	TPH as Diesel C10-C28	n/a	DNQ	0.094	mg/L	EPA 8015B	0.068	0.1	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/6/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.078	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	UL-MB
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/6/2024	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Aluminum	Total	=	12800	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Antimony	Dissolved	=	0.383	µg/L	EPA 200.8	0.03	0.15	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Antimony	Total	=	0.341	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Arsenic	Dissolved	=	0.755	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Arsenic	Total	=	4.63	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Barium	Dissolved	=	39.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Barium	Total	=	176	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Beryllium	Total	=	0.814	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Cadmium	Dissolved	=	0.051	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Cadmium	Total	=	1.6	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Chromium	Dissolved	=	0.568	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Chromium	Total	=	23.6	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/8/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Copper	Dissolved	=	1.49	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Copper	Total	=	25.1	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Iron	Dissolved	DNQ	4.89	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Iron	Total	=	24900	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Lead	Dissolved	=	0.036	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Lead	Total	=	12.2	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.23	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	3.4	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Nickel	Dissolved	=	2.11	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Nickel	Total	=	36.7	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Selenium	Dissolved	=	3.39	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Selenium	Total	=	3.04	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Silver	Dissolved	=	0.026	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Silver	Total	=	0.096	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Thallium	Dissolved	=	0.142	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Thallium	Total	=	0.403	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 5:46:00 AM	Zinc	Dissolved	=	0.551	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/28/2024 7:06:00 AM	Zinc	Total	=	91.7	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.11	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	2.62	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	DNQ	0.0218	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	1.03	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	0.65	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Acenaphthene	n/a	DNQ	0.004	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benz(a)anthracene	n/a	DNQ	0.0039	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benzo(b)fluoranthene	n/a	=	0.0093	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.0047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.236	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Butyl benzyl phthalate	n/a	=	0.177	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Chrysene	n/a	=	0.0154	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.0041	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Diethyl phthalate	n/a	=	6.09	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Dimethyl phthalate	n/a	=	1.12	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Di-n-butylphthalate	n/a	=	0.0713	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Fluoranthene	n/a	=	0.0065	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Fluorene	n/a	=	0.0119	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Naphthalene	n/a	=	0.0165	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Phenanthrene	n/a	=	0.0332	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Pyrene	n/a	=	0.0131	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/19/2024 3:24:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/19/2024 3:24:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4,4'-DDE	n/a	=	0.006	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	4,4'-DDT	n/a	=	0.01	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	2/14/2024 2:34:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Malathion	n/a	=	0.0169	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/18/2024 10:38:00 PM	Simazine	n/a	=	0.731	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-SCR	2023/24-4	Wet	2/1/2024 3:35:00 PM	3/16/2024 12:12:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/21/2024 1:02:00 PM	Chloride	n/a	=	37.8	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/21/2024 1:02:00 PM	Fluoride	n/a	=	0.607	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/2/2024 6:35:00 PM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/21/2024 11:10:00 AM	Alkalinity as CaCO3	n/a	=	200	mg/L	SM 2320 B	1	1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/22/2024 11:50:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/18/2024 3:20:00 PM	COD	n/a	DNQ	3	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/3/2024 3:20:00 PM	Hardness as CaCO3	Total	=	500	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/17/2024 2:00:00 PM	MBAS	n/a	DNQ	0.0398	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	1070	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/23/2024 9:35:00 AM	Total Dissolved Solids	n/a	=	805	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	2.05	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	61.3	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/17/2024 3:45:00 PM	Turbidity	n/a	=	41.2	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	5.78	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 6:42:00 AM	TPH as Diesel C10-C28	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 6:42:00 AM	TPH as Gasoline C6-C10	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	

Appendix G
Laboratory 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	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 6:42:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Aluminum	Total	=	570	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Barium	Dissolved	=	44.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Barium	Total	=	54	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Beryllium	Total	DNQ	0.03	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Chromium	Total	=	1.03	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/30/2024 6:35:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Copper	Dissolved	=	0.924	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Copper	Total	=	132	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Iron	Dissolved	<	1.13	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Iron	Total	=	1380	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Lead	Total	=	0.577	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.79	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	2.3	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Nickel	Dissolved	=	1.2	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Nickel	Total	=	3.08	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Selenium	Dissolved	=	1.71	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Selenium	Total	=	1.94	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:13:00 AM	Zinc	Dissolved	=	0.206	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 11:55:00 AM	Zinc	Total	=	3.96	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.011	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	1.88	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	=	0.128	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.165	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	DNQ	0.312	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0594	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Butyl benzyl phthalate	n/a	=	0.159	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Chrysene	n/a	DNQ	0.002	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Diethyl phthalate	n/a	=	2.55	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Dimethyl phthalate	n/a	=	0.48	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Di-n-butylphthalate	n/a	=	0.0954	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSR, UL-MB
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Fluoranthene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Fluorene	n/a	DNQ	0.0049	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Phenanthrene	n/a	DNQ	0.002	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Pyrene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 2:59:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/4/2024 2:59:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR	
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	5/28/2024 10:07:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/15/2024 12:28:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:35:00 AM	6/18/2024 1:54:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/17/2024 3:42:00 PM	E. Coli	n/a	=	63	MPN/100 mL	MMO-MUG	10	10	VCHCA		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/17/2024 3:42:00 PM	Total Coliform	n/a	=	3441	MPN/100 mL	MMO-MUG	10	10	VCHCA		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	Conductivity	n/a	=	948	µmhos/cm	Field Meter	-88	1	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/20/2024 9:27:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	DO	n/a	=	9.67	mg/L	Field Meter	-88	0.3	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	DO	n/a	=	99.5	%	Field Meter	-88	0.1	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	pH	n/a	=	8.4	pH Units	Field Meter	-88	0.01	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	Salinity	n/a	=	560	mg/L	Field Meter	-88	100	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	Specific Conductance	n/a	=	1131	µmhos/cm	Field Meter	-88	1	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/16/2024 9:40:00 AM	Temperature	n/a	=	16.6	°C	Field Meter	-88	0.1	Field Crew		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/18/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY		
ME-SCR	2023/24-6	Dry	5/16/2024 9:40:00 AM	5/18/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5	ENTHALPY		

Appendix G
Laboratory 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	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/20/2023 1:35:00 PM	E. Coli	n/a	=	327	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/20/2023 1:35:00 PM	Total Coliform	n/a	=	15150	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	Conductivity	n/a	=	909	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/21/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	DO	n/a	=	93.6	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	DO	n/a	=	9.06	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	pH	n/a	=	8.12	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	Salinity	n/a	=	540	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	Specific Conductance	n/a	=	1078	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/19/2023 4:40:00 PM	Temperature	n/a	=	16.8	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	1/3/2024 10:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
ME-VR2	2023/24-2	Wet	12/19/2023 4:40:00 PM	12/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	5	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	161	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	Conductivity	n/a	=	501	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	DO	n/a	=	94.4	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	DO	n/a	=	9.57	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	pH	n/a	=	8.03	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	Specific Conductance	n/a	=	624	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/20/2024 7:20:00 AM	Temperature	n/a	=	14.7	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/20/2024 7:20:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	46.3	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.451	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	225	mg/L	SM 2320 B	1	1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/27/2024	BOD	n/a	=	7.9	mg/L	SM 5210 B	3	3	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024	COD	n/a	DNQ	2	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/11/2024 12:13:00 PM	Hardness as CaCO3	Total	=	472	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.0561	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	843	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	676	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	1.35	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	1.52	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	1.29	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	0.65	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.1	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.065	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	UL-MB
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Aluminum	Total	=	38.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Antimony	Dissolved	=	0.403	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Antimony	Total	DNQ	0.057	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Arsenic	Dissolved	=	0.348	µg/L	EPA 200.8	0.05	0.159	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Arsenic	Total	=	0.298	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Barium	Dissolved	=	52.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Barium	Total	=	56.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Cadmium	Dissolved	=	0.053	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Cadmium	Total	DNQ	0.016	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Chromium	Dissolved	=	0.144	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Chromium	Total	=	0.434	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/30/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Copper	Dissolved	=	0.628	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Copper	Total	=	1.85	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Iron	Dissolved	DNQ	3.35	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Iron	Total	=	50.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Lead	Dissolved	=	0.024	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Lead	Total	=	0.129	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	2.2	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	1.56	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Nickel	Dissolved	=	0.737	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Nickel	Total	=	1.12	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Selenium	Dissolved	=	1.94	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Selenium	Total	=	1.87	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Silver	Dissolved	=	0.023	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Silver	Total	=	0.205	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Thallium	Dissolved	DNQ	0.021	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/12/2024 7:18:00 PM	Zinc	Dissolved	=	8.74	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	4/17/2024 2:37:00 PM	Zinc	Total	=	10.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	DNQ	0.012	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.0453	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	<	0.13	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benzenidene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.173	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Butyl benzyl phthalate	n/a	=	0.0927	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Diethyl phthalate	n/a	=	0.811	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Dimethyl phthalate	n/a	=	0.0436	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Di-n-butylphthalate	n/a	=	0.0738	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Fluorene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Naphthalene	n/a	DNQ	0.0045	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/3/2024 9:44:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	

Appendix G
Laboratory 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	2023/24-3	Wet	1/21/2024 8:10:00 AM	2/3/2024 9:44:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Chlorpyrifos	n/a	=	0.0707	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Diazinon	n/a	=	0.201	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	1/31/2024 7:37:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Malathion	n/a	=	0.193	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/4/2024 10:41:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-3	Wet	1/21/2024 8:10:00 AM	3/6/2024 11:34:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/2/2024 8:00:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/2/2024 8:00:00 AM	Total Coliform	n/a	=	166400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	Conductivity	n/a	=	610	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	DO	n/a	=	95.7	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	DO	n/a	=	10.11	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	pH	n/a	=	8.23	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	Specific Conductance	n/a	=	803	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/1/2024 10:25:00 AM	Temperature	n/a	=	12.8	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:25:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/28/2024 5:10:00 PM	Chloride	n/a	=	37.6	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.378	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	101	mg/L	SM 2320 B	1	1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/8/2024	COD	n/a	=	23	mg/L	SM 5220 D	1.6	4	ENTHALPY	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/20/2024 11:36:00 PM	Hardness as CaCO3	Total	=	289	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/3/2024 12:35:00 PM	MBAS	n/a	DNQ	0.0226	mg/L	SM 5540 C	0.02	0.05	PHYSIS	EST-HT
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	770	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	486	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	0.581	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	279	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	671	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	23.3	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.12	mg/L	EPA 8015B	0.068	0.1	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.087	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	UL-MB
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/7/2024	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Aluminum	Total	=	7940	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Antimony	Dissolved	=	0.228	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Antimony	Total	=	0.222	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Arsenic	Dissolved	=	1.21	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Arsenic	Total	=	3.31	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Barium	Dissolved	=	35.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Barium	Total	=	138	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Beryllium	Total	=	0.386	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Cadmium	Dissolved	=	0.09	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Cadmium	Total	=	0.995	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Chromium	Dissolved	=	0.476	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Chromium	Total	=	21.2	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/8/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Copper	Dissolved	=	12.8	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Copper	Total	=	14.4	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Iron	Dissolved	=	11.5	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Iron	Total	=	13900	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Lead	Dissolved	=	0.05	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Lead	Total	=	6.03	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.4	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/13/2024 11:00:00 AM	Mercury	Total	=	7.2	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Nickel	Dissolved	=	3.33	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Nickel	Total	=	43.9	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Selenium	Dissolved	=	2.6	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Selenium	Total	=	2.58	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Silver	Dissolved	=	0.021	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Silver	Total	=	0.076	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Thallium	Dissolved	=	0.086	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Thallium	Total	=	0.223	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 5:51:00 AM	Zinc	Dissolved	=	0.632	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/28/2024 7:11:00 AM	Zinc	Total	=	53.3	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.055	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.114	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.649	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/15/2024 10:04:00 AM	TKN	n/a	=	0.939	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Acenaphthene	n/a	=	0.0066	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benz(a)anthracene	n/a	=	0.0051	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benzo(b)fluoranthene	n/a	=	0.0071	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0055	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.0033	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.303	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Butyl benzyl phthalate	n/a	=	0.283	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Chrysene	n/a	=	0.0186	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Diethyl phthalate	n/a	=	0.35	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Dimethyl phthalate	n/a	=	0.0368	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Di-n-butylphthalate	n/a	=	0.1	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Fluoranthene	n/a	=	0.0071	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Fluorene	n/a	DNQ	0.0042	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Naphthalene	n/a	=	0.0072	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Phenanthrene	n/a	=	0.0242	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Pyrene	n/a	=	0.0163	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/19/2024 3:55:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/19/2024 3:55:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	2/14/2024 2:55:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Malathion	n/a	=	0.0454	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Pentachlorophenol	n/a	=	0.109	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/19/2024 9:07:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-4	Wet	2/1/2024 10:50:00 AM	3/16/2024 12:59:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	Conductivity	n/a	=	650	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	DO	n/a	=	10.4	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
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	DO	n/a	=	98	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	pH	n/a	=	8.32	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	Salinity	n/a	=	420	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	Specific Conductance	n/a	=	852	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:10:00 AM	3/30/2024 9:10:00 AM	Temperature	n/a	=	12.6	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024 6:06:00 PM	Chloride	n/a	=	30	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024 6:06:00 PM	Fluoride	n/a	=	0.337	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/8/2024 2:45:00 PM	Alkalinity as CaCO3	n/a	=	305	mg/L	SM 2320 B	1	1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/6/2024	BOD	n/a	=	9.7	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/1/2024	COD	n/a	=	150	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/23/2024 2:11:00 PM	Hardness as CaCO3	Total	=	668	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/1/2024 5:00:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	EST-HT
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/11/2024 2:15:00 PM	Specific Conductance	n/a	=	876	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/1/2024 11:30:00 AM	Total Dissolved Solids	n/a	=	676	mg/L	SM 2540 C	6.3	10	PHYSIS	EST-HT
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024 11:00:00 AM	Total Organic Carbon	n/a	=	7.17	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024 7:30:00 AM	Total Suspended Solids	n/a	=	5270	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/1/2024 9:00:00 AM	Turbidity	n/a	=	513	NTU	EPA 180.1	0.02	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/2/2024 10:00:00 AM	Volatile Suspended Solids	n/a	=	373	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 10:32:00 PM	TPH as Diesel C10-C28	n/a	=	0.1	mg/L	EPA 8015B	0.068	0.094	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 10:32:00 PM	TPH as Gasoline C6-C10	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.28	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 10:32:00 PM	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.28	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Aluminum	Total	=	5640	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Antimony	Dissolved	DNQ	0.142	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Antimony	Total	=	0.151	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Arsenic	Dissolved	=	0.565	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Arsenic	Total	=	5.07	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Barium	Dissolved	=	45.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Barium	Total	=	161	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Beryllium	Total	=	1.24	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Cadmium	Dissolved	=	0.044	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Cadmium	Total	=	3.2	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Chromium	Dissolved	=	0.214	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Chromium	Total	=	9.73	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Copper	Dissolved	=	1.63	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Copper	Total	=	22.5	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Iron	Dissolved	DNQ	5.63	µg/L	EPA 200.8	1.13	5.65	PHYSIS	LB-MSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Iron	Total	=	5810	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Lead	Dissolved	DNQ	0.019	µg/L	EPA 200.8	0.007	0.021	PHYSIS	EST-LD
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Lead	Total	=	7.31	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/24/2024 2:30:00 PM	Mercury	Dissolved	=	15.4	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/24/2024 2:00:00 PM	Mercury	Total	=	146	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Nickel	Dissolved	=	3.05	µg/L	EPA 200.8	0.013	0.042	PHYSIS	LB-MSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Nickel	Total	=	73.9	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Selenium	Dissolved	=	2.03	µg/L	EPA 200.8	0.021	0.068	PHYSIS	

Appendix G
Laboratory 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	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Selenium	Total	=	2.18	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Silver	Dissolved	=	0.115	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Silver	Total	=	0.125	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	LB-MSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Thallium	Total	=	0.068	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:42:00 AM	Zinc	Dissolved	=	1.72	µg/L	EPA 200.8	0.022	0.069	PHYSIS	LD, LB-MSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/18/2024 12:53:00 AM	Zinc	Total	=	77.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/3/2024 10:30:00 AM	Ammonia as N	n/a	=	0.172	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	HB-MSR
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/1/2024 11:23:00 AM	Nitrate + Nitrite as N	n/a	=	0.837	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/24/2024 10:00:00 AM	Phosphorus as P	Dissolved	=	0.734	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 8:00:00 AM	Phosphorus as P	Total	=	5.84	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	HB-MSR
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/17/2024 9:28:00 AM	TKN	n/a	=	4.95	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Acenaphthene	n/a	DNQ	0.0035	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benz(a)anthracene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benzo(b)fluoranthene	n/a	=	0.0051	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0099	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.231	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Butyl benzyl phthalate	n/a	=	0.385	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Chrysene	n/a	=	0.0165	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Diethyl phthalate	n/a	=	0.275	µg/L	EPA 625.1	0.01	0.02	PHYSIS	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
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Dimethyl phthalate	n/a	=	0.0223	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Di-n-butylphthalate	n/a	=	0.125	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Fluoranthene	n/a	=	0.0075	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Fluorene	n/a	=	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Naphthalene	n/a	=	0.0105	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Phenanthrene	n/a	=	0.0387	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Pyrene	n/a	=	0.0131	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 2:33:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/5/2024 2:33:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4,4'-DDE	n/a	=	0.0035	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	B-LCSR, PMQC
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	

Appendix G
Laboratory 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	2023/24-5	Wet	3/30/2024 9:58:00 AM	4/9/2024 1:01:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Malathion	n/a	=	0.0319	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/3/2024 11:37:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-5	Wet	3/30/2024 9:58:00 AM	5/7/2024 5:14:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/25/2024 5:57:00 AM	Chloride	n/a	=	36.8	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/25/2024 5:57:00 AM	Fluoride	n/a	=	0.444	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/2/2024 8:40:00 PM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/24/2024 10:30:00 AM	Alkalinity as CaCO3	n/a	=	199	mg/L	SM 2320 B	1	1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/27/2024 9:10:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/23/2024 12:00:00 PM	COD	n/a	=	8	mg/L	SM 5220 D	1.6	4	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/10/2024 6:02:00 PM	Hardness as CaCO3	Total	=	421	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/22/2024 1:30:00 PM	MBAS	n/a	DNQ	0.0487	mg/L	SM 5540 C	0.02	0.05	PHYSIS	LB-MSR, PMQC
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	995	µmhos/cm	SM 2510 B	1	1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/29/2024 9:30:00 AM	Total Dissolved Solids	n/a	=	750	mg/L	SM 2540 C	6.3	10	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	1.57	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/23/2024 6:00:00 AM	Total Suspended Solids	n/a	<	0.5	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/22/2024 9:30:00 AM	Turbidity	n/a	=	0.49	NTU	EPA 180.1	0.02	0.02	PHYSIS	EST-LD
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/23/2024 1:00:00 PM	Volatile Suspended Solids	n/a	DNQ	0.13	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 6:26:00 AM	TPH as Diesel C10-C28	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.047	Eurofins_Tustin	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 6:46:00 AM	TPH as Gasoline C6-C10	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.047	Eurofins_Tustin	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 6:26:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.047	Eurofins_Tustin	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Aluminum	Dissolved	DNQ	3.99	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Aluminum	Total	=	9.39	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Antimony	Dissolved	=	0.387	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Antimony	Total	=	0.355	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Arsenic	Dissolved	=	0.945	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Arsenic	Total	=	1.26	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Barium	Dissolved	=	48.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Barium	Total	=	51.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Cadmium	Dissolved	=	0.365	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Cadmium	Total	=	0.322	µg/L	EPA 200.8	0.007	0.023	PHYSIS	EST-LD
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Chromium	Dissolved	=	0.126	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Chromium	Total	=	0.146	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/3/2024 11:27:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Copper	Dissolved	=	0.518	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Copper	Total	=	0.45	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Iron	Dissolved	DNQ	4.41	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Iron	Total	=	11.9	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Lead	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Lead	Total	=	0.023	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.81	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	1.96	ng/L	EPA 1631E	0.04	0.2	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Nickel	Dissolved	=	0.938	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Nickel	Total	=	1.09	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Selenium	Dissolved	=	3.25	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Selenium	Total	=	2.93	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Silver	Dissolved	=	0.039	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Thallium	Dissolved	DNQ	0.019	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Thallium	Total	DNQ	0.012	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 10:53:00 PM	Zinc	Dissolved	=	0.715	µg/L	EPA 200.8	0.022	0.069	PHYSIS	EST-LD
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/7/2024 11:19:00 PM	Zinc	Total	=	0.661	µg/L	EPA 200.8	0.022	0.069	PHYSIS	EST-LD
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.01	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	1.41	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Total	<	0.016	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/31/2024 8:28:00 AM	TKN	n/a	DNQ	0.181	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	LB-LCSR, PMQC
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0416	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Butyl benzyl phthalate	n/a	=	0.0701	µg/L	EPA 625.1	0.01	0.02	PHYSIS	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
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Diethyl phthalate	n/a	=	0.237	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Dimethyl phthalate	n/a	DNQ	0.0167	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Di-n-butylphthalate	n/a	=	0.0577	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/4/2024 4:33:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/4/2024 4:33:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory 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	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	5/29/2024 12:17:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/16/2024 9:35:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:10:00 AM	6/19/2024 2:35:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/22/2024 2:00:00 PM	E. Coli	n/a	=	63	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/22/2024 2:00:00 PM	Total Coliform	n/a	=	983	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	Conductivity	n/a	=	864	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/28/2024 12:06:00 AM	Cyanide	Total	<	0.0023	mg/L	EPA 335.4	0.0023	0.005	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	DO	n/a	=	118.1	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	DO	n/a	=	11.6	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	pH	n/a	=	8.45	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	Salinity	n/a	=	520	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	Specific Conductance	n/a	=	1040	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/21/2024 9:20:00 AM	Temperature	n/a	=	16.2	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/24/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
ME-VR2	2023/24-6	Dry	5/21/2024 9:20:00 AM	5/24/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/16/2023 1:55:00 PM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/16/2023 1:55:00 PM	Total Coliform	n/a	=	151500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	Conductivity	n/a	=	132.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	DO	n/a	=	8.53	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	DO	n/a	=	87.8	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	pH	n/a	=	6.94	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	Specific Conductance	n/a	=	156.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/15/2023 3:30:00 PM	Temperature	n/a	=	16.6	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/15/2023 3:30:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	39.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.081	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/4/2023	Perchlorate	Total	<	2.4	µg/L	EPA 314.0	2.4	8	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	64	mg/L	SM 2320 B	1	1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/22/2023	BOD	n/a	=	74	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/24/2023	COD	n/a	=	680	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/28/2023 5:39:33 PM	Hardness as CaCO3	Total	=	139	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	2.18	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	379	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	414	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	17.4	mg/L	SM 5310 B	0.2	0.44	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	810	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	362	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	260	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/22/2023	TPH as Diesel C10-C28	n/a	=	4.7	mg/L	EPA 8015B	0.89	1.9	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/22/2023	TPH as Gasoline C6-C10	n/a	<	0.89	mg/L	EPA 8015B	0.89	5.7	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/22/2023	TPH as Motor Oil C28-C44	n/a	DNQ	1.1	mg/L	EPA 8015B	0.89	5.7	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Aluminum	Dissolved	=	186	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Aluminum	Total	=	8450	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Antimony	Dissolved	=	1.81	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Antimony	Total	=	0.834	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Arsenic	Dissolved	=	2.8	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Arsenic	Total	=	6.76	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Barium	Dissolved	=	58.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Barium	Total	=	195	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Beryllium	Dissolved	=	0.05	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Beryllium	Total	=	0.687	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Cadmium	Total	=	1.59	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Chromium	Dissolved	=	2.09	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Chromium	Total	=	15.7	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/28/2023	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Copper	Dissolved	=	3.7	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Copper	Total	=	122	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Iron	Dissolved	=	1840	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Iron	Total	=	11000	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Lead	Dissolved	=	0.181	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Lead	Total	=	23.4	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	5.84	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	54.9	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Nickel	Dissolved	=	16.1	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Nickel	Total	=	35.8	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Selenium	Dissolved	=	0.653	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Selenium	Total	=	0.894	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Silver	Dissolved	=	0.205	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Silver	Total	=	0.198	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 2:33:42 PM	Zinc	Dissolved	=	55.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/26/2023 3:42:19 PM	Zinc	Total	=	878	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	3.21	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.126	mg/L	SM 4500-NO3 H	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.877	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	3.12	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	17.8	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Acenaphthene	n/a	=	0.0056	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Acenaphthylene	n/a	=	0.0094	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Anthracene	n/a	=	0.0173	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benz(a)anthracene	n/a	=	0.0332	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benzo(a)pyrene	n/a	=	0.0553	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benzo(b)fluoranthene	n/a	=	0.0675	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benzo(g,h,i)perylene	n/a	=	0.049	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Benzo(k)fluoranthene	n/a	=	0.059	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Butyl benzyl phthalate	n/a	=	0.277	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Chrysene	n/a	=	0.0527	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Dibenz(a,h)anthracene	n/a	=	0.0089	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Diethyl phthalate	n/a	=	0.412	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Dimethyl phthalate	n/a	=	0.362	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Di-n-butylphthalate	n/a	=	0.0716	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Fluoranthene	n/a	=	0.0848	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Fluorene	n/a	=	0.0077	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0488	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Naphthalene	n/a	=	0.0569	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Phenanthrene	n/a	=	0.0493	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Phenol	n/a	=	0.286	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Pyrene	n/a	=	0.0909	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/28/2023 3:44:39 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/28/2023 3:44:39 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	alpha-Chlordane	n/a	=	0.0028	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.01	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	gamma-Chlordane	n/a	=	0.0031	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	11/27/2023 11:50:53 PM	Glyphosate	n/a	=	33	µg/L	EPA 547	2.1	5	NCL	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/23/2023 10:21:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-1	Wet	11/16/2023 9:48:00 AM	12/15/2023 9:35:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	Conductivity	n/a	=	99	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	DO	n/a	=	99.2	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	DO	n/a	=	10.25	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	pH	n/a	=	7.35	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 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-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	Specific Conductance	n/a	=	126.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/20/2024 5:00:00 AM	Temperature	n/a	=	13.9	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	=	1.28	mg/L	EPA 1664B	1	1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/20/2024 5:00:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	6.32	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.135	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/2/2024	Perchlorate	Total	<	0.88	µg/L	EPA 314.0	0.88	8	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	27	mg/L	SM 2320 B	1	1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/27/2024	BOD	n/a	=	7.7	mg/L	SM 5210 B	3	3	ENTHALPY	HB-MSR
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/30/2024	COD	n/a	=	63	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/11/2024 12:39:00 PM	Hardness as CaCO3	Total	=	30.3	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.413	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/13/2024 3:00:00 PM	Specific Conductance	n/a	=	82.6	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	74	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	12.8	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	54.2	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	57.9	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	17.3	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.55	mg/L	EPA 8015B	0.051	0.11	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.058	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	UL-MB
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.2	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Aluminum	Dissolved	=	14.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Aluminum	Total	=	931	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Antimony	Dissolved	=	0.948	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Antimony	Total	=	0.692	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Arsenic	Dissolved	=	1.03	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Arsenic	Total	=	1.39	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Barium	Dissolved	=	8.44	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Barium	Total	=	30.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Beryllium	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Beryllium	Total	=	0.056	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Cadmium	Dissolved	=	0.034	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Cadmium	Total	=	0.224	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Chromium	Dissolved	=	0.453	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Chromium	Total	=	2.34	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.43	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Copper	Dissolved	=	6.55	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Copper	Total	=	16.5	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Iron	Dissolved	=	26.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Iron	Total	=	1290	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Lead	Dissolved	=	0.087	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Lead	Total	=	3.27	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.15	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	9.81	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Nickel	Dissolved	=	1.92	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Nickel	Total	=	4.47	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Selenium	Dissolved	=	0.211	µg/L	EPA 200.8	0.021	0.068	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Selenium	Total	=	0.214	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Silver	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Silver	Total	DNQ	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/12/2024 8:01:00 PM	Zinc	Dissolved	=	27.8	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/13/2024 6:07:00 PM	Zinc	Total	=	126	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.229	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.627	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.26	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.527	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.75	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,4-Dinitrophenol	n/a	=	0.353	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	LB-MSR
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Acenaphthene	n/a	DNQ	0.003	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Acenaphthylene	n/a	=	0.0112	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Anthracene	n/a	=	0.0064	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benz(a)anthracene	n/a	=	0.0265	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benzo(a)pyrene	n/a	=	0.0453	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benzo(b)fluoranthene	n/a	=	0.0297	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0791	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Benzo(k)fluoranthene	n/a	=	0.0279	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-MSRPD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.51	µg/L	EPA 625.1	0.01	0.02	PHYSIS	ST-LD, HB-LCS
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Butyl benzyl phthalate	n/a	=	0.394	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Chrysene	n/a	=	0.0638	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Diethyl phthalate	n/a	=	0.172	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Dimethyl phthalate	n/a	=	0.099	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Di-n-butylphthalate	n/a	=	0.23	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Fluoranthene	n/a	=	0.0884	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Fluorene	n/a	DNQ	0.0047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.073	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Naphthalene	n/a	=	0.0407	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	-LCSR, PD, LB-N
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Phenanthrene	n/a	=	0.0563	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Phenol	n/a	=	0.205	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LB-MSR
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Pyrene	n/a	=	0.113	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/4/2024 1:21:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/4/2024 1:21:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4,4'-DDE	n/a	=	0.0317	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-LD
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	alpha-Chlordane	n/a	=	0.0027	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	B-LCSR, LB-MS
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	RPD, LB-LCSR,
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	gamma-Chlordane	n/a	=	0.0037	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:30:00 AM	2/1/2024 1:30:00 PM	Glyphosate	n/a	=	12	µg/L	EPA 547	2.1	5	NCL	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/4/2024 12:11:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-3	Wet	1/21/2024 8:30:00 AM	3/6/2024 8:27:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	3448	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	Conductivity	n/a	=	30	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	DO	n/a	=	10.19	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	DO	n/a	=	98.4	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	pH	n/a	=	6.97	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	Specific Conductance	n/a	=	38.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/1/2024 3:45:00 AM	Temperature	n/a	=	13.8	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 3:45:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	2.35	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.092	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/12/2024	Perchlorate	Total	<	0.73	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	1	1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/8/2024	COD	n/a	=	30	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/21/2024 12:02:00 AM	Hardness as CaCO3	Total	=	19	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.073	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	40.2	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	36	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	3.86	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	108	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	42.6	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	19.1	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.1	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.1	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	UL-MB
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	<	0.068	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Aluminum	Dissolved	=	12.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Aluminum	Total	=	1180	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Antimony	Dissolved	=	0.226	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Antimony	Total	=	0.184	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Arsenic	Dissolved	=	0.389	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Arsenic	Total	=	0.565	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Barium	Dissolved	=	4.75	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Barium	Total	=	21.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Beryllium	Total	=	0.071	µg/L	EPA 200.8	0.01	0.031	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Cadmium	Total	=	0.159	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Chromium	Dissolved	=	0.217	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Chromium	Total	=	2.26	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Copper	Dissolved	=	1.94	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Copper	Total	=	6.57	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Iron	Dissolved	=	14.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Iron	Total	=	1540	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Lead	Dissolved	=	0.066	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Lead	Total	=	2.67	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.26	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	7.94	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Nickel	Dissolved	=	0.357	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Nickel	Total	=	3.2	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Selenium	Dissolved	=	0.131	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Selenium	Total	=	0.098	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Silver	Dissolved	DNQ	0.011	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Silver	Total	DNQ	0.017	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Thallium	Dissolved	=	0.069	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Thallium	Total	=	0.067	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 6:34:00 AM	Zinc	Dissolved	=	6.74	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/28/2024 7:53:00 AM	Zinc	Total	=	46.8	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.095	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	EST-LCSRPD
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.27	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.31	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.296	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	0.696	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Acenaphthene	n/a	DNQ	0.0035	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Acenaphthylene	n/a	DNQ	0.0031	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Anthracene	n/a	=	0.0229	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Benzo(a)anthracene	n/a	=	0.036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Benzo(b)anthracene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Benzo(k)fluoranthene	n/a	=	0.0345	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Benzo(a,h,i)perylene	n/a	=	0.0416	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Benzo(e)pyrene	n/a	=	0.0432	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Bis(2-chloroethoxy)methane	n/a	=	0.0575	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.995	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Butyl benzyl phthalate	n/a	=	0.567	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Chrysene	n/a	=	0.0515	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Diethyl phthalate	n/a	=	0.123	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Dimethyl phthalate	n/a	=	0.0366	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Di-n-butylphthalate	n/a	=	0.304	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Di-n-octylphthalate	n/a	=	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Fluoranthene	n/a	=	0.0998	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Fluorene	n/a	DNQ	0.0034	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0481	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Naphthalene	n/a	=	0.0137	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Phenanthrene	n/a	=	0.0422	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Pyrene	n/a	=	0.105	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/19/2024 9:38:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/19/2024 9:38:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4,4'-DDE	n/a	=	0.0372	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	4,4'-DDT	n/a	=	0.0075	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	alpha-Chlordane	n/a	=	0.0032	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	gamma-Chlordane	n/a	=	0.0043	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	2/14/2024 3:52:00 PM	Glyphosate	n/a	=	7.6	µg/L	EPA 547	2.1	5	NCL	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Malathion	n/a	=	0.0299	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Pentachlorophenol	n/a	=	0.218	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/19/2024 11:08:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-4	Wet	2/1/2024 1:30:00 PM	3/16/2024 8:01:00 AM	Toxaphene	n/a	=	0.0533	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/15/2024 2:57:00 PM	Chloride	n/a	=	214	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/15/2024 2:57:00 PM	Fluoride	n/a	=	0.488	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/30/2024 6:55:00 AM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/21/2024 1:30:00 PM	Alkalinity as CaCO3	n/a	=	114	mg/L	SM 2320 B	1	1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/20/2024 11:00:00 AM	BOD	n/a	=	4.7	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/18/2024 3:20:00 PM	COD	n/a	=	32	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 3:10:00 PM	Hardness as CaCO3	Total	=	229	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/15/2024 1:00:00 PM	MBAS	n/a	=	0.0771	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	118	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	718	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/11/2024 8:00:00 AM	Total Organic Carbon	n/a	=	10.3	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	7.1	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/16/2024 7:30:00 AM	Turbidity	n/a	=	5.15	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	4.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 2:24:00 PM	TPH as Diesel C10-C28	n/a	=	0.096	mg/L	EPA 8015B	0.031	0.044	Eurofins_Tustin	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/22/2024 9:47:00 PM	TPH as Gasoline C6-C10	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 2:24:00 PM	TPH as Motor Oil C28-C44	n/a	<	0.031	mg/L	EPA 8015B	0.031	0.044	Eurofins_Tustin	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Aluminum	Total	=	80.3	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Antimony	Dissolved	=	0.424	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Arsenic	Dissolved	=	0.759	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Barium	Dissolved	=	51.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Barium	Total	=	48.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Chromium	Dissolved	=	0.213	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Chromium	Total	=	0.366	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/29/2024 4:26:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Copper	Dissolved	=	8.77	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Copper	Total	=	12	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Iron	Dissolved	=	15.2	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Iron	Total	=	152	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Lead	Dissolved	=	0.059	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Lead	Total	=	0.335	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	2.64	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	3.06	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Nickel	Dissolved	=	1.08	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Nickel	Total	=	1.4	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Selenium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Selenium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Silver	Dissolved	=	0.038	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Thallium	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 11:17:00 PM	Zinc	Dissolved	=	4.63	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/4/2024 11:40:00 AM	Zinc	Total	=	16.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	=	0.041	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.062	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	DNQ	0.0252	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.129	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/30/2024 6:28:00 PM	TKN	n/a	=	4.32	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Acenaphthene	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.24	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-L
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Butyl benzyl phthalate	n/a	=	0.381	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Chrysene	n/a	DNQ	0.0019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Diethyl phthalate	n/a	=	0.129	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Dimethyl phthalate	n/a	DNQ	0.0131	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Di-n-butylphthalate	n/a	=	0.2	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-L
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Fluoranthene	n/a	=	0.0064	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Naphthalene	n/a	DNQ	0.0022	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Phenanthrene	n/a	=	0.0064	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Pyrene	n/a	DNQ	0.0033	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/6/2024 9:43:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/6/2024 9:43:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	5/20/2024 12:39:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Malathion	n/a	=	0.0063	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/13/2024 10:52:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:40:00 AM	6/17/2024 8:40:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/15/2024 4:33:00 PM	E. Coli	n/a	=	670	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/15/2024 4:33:00 PM	Total Coliform	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	Conductivity	n/a	=	731	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/20/2024 9:03:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	DO	n/a	=	14.55	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	DO	n/a	=	163.1	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	pH	n/a	=	10.26	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	Salinity	n/a	=	380	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	Specific Conductance	n/a	=	783	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/14/2024 11:50:00 AM	Temperature	n/a	=	21.4	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/17/2024	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5	ENTHALPY	
MO-CAM	2023/24-6	Dry	5/14/2024 11:50:00 AM	5/17/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/19/2024 4:10:00 PM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/19/2024 4:10:00 PM	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	10/3/2024 9:42:00 PM	Calcium	Total	=	89.6	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	10/3/2024 9:42:00 PM	Magnesium	Total	=	26.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Conductivity	n/a	=	864	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Discharge	n/a	=	0.01	cfs	Field Estimate	-88	-88	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	DO	n/a	=	100.2	%	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	DO	n/a	=	9.88	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	10/3/2024 9:42:00 PM	Hardness as CaCO3	Total	=	332	mg/L	EPA 200.7	0.121	3.31	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	pH	n/a	=	8.43	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Specific Conductance	n/a	=	1045	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Temperature	n/a	=	15.9	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/26/2024 2:37:00 AM	Total Organic Carbon	n/a	=	16	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/18/2024 7:45:00 AM	Turbidity	n/a	=	3	NTU	Field Meter	-88	0.01	Field Crew	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/30/2024 2:31:00 PM	Copper	Dissolved	=	6.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/30/2024 2:31:00 PM	Lead	Dissolved	=	0.21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2024-DRY	Dry	9/18/2024 7:45:00 AM	9/30/2024 2:31:00 PM	Zinc	Dissolved	DNQ	6.4	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/16/2023 4:50:00 PM	E. Coli	n/a	=	6131	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/16/2023 4:50:00 PM	Total Coliform	n/a	=	435200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	Conductivity	n/a	=	186	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	DO	n/a	=	8.01	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	DO	n/a	=	82.6	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	pH	n/a	=	7.64	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	Specific Conductance	n/a	=	223.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/15/2023 8:00:00 PM	Temperature	n/a	=	16.1	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/15/2023 8:00:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	15.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.409	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/30/2023	Perchlorate	Total	=	11	µg/L	EPA 314.0	1.2	4	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	62	mg/L	SM 2320 B	1	1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/22/2023	BOD	n/a	=	16	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/24/2023	COD	n/a	=	81	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/28/2023 5:29:46 PM	Hardness as CaCO3	Total	=	137	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.675	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	313	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	232	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	29.6	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	73.2	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	55.9	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	17.9	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023	TPH as Diesel C10-C28	n/a	DNQ	0.89	mg/L	EPA 8015B	0.46	0.99	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023	TPH as Gasoline C6-C10	n/a	<	0.46	mg/L	EPA 8015B	0.46	3	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/21/2023	TPH as Motor Oil C28-C44	n/a	<	0.46	mg/L	EPA 8015B	0.46	3	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Aluminum	Dissolved	=	31.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Aluminum	Total	=	917	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Antimony	Dissolved	=	0.864	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Antimony	Total	=	0.862	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Arsenic	Dissolved	=	1.12	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Arsenic	Total	=	1.09	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Barium	Dissolved	=	27.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Barium	Total	=	45.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Beryllium	Total	=	0.063	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Cadmium	Dissolved	=	0.263	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Cadmium	Total	=	0.568	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Chromium	Dissolved	=	1.19	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Chromium	Total	=	2.79	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/28/2023	Chromium VI	n/a	DNQ	0.73	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Copper	Dissolved	=	12.7	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Copper	Total	=	20.7	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Iron	Dissolved	=	44.2	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Iron	Total	=	1170	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Lead	Dissolved	=	0.136	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Lead	Total	=	3.24	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	4.13	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	12.4	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Nickel	Dissolved	=	3.83	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Nickel	Total	=	5.88	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Selenium	Dissolved	=	1.76	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Selenium	Total	=	1.56	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Silver	Dissolved	=	0.207	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Silver	Total	=	0.19	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 2:17:55 PM	Zinc	Dissolved	=	72.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/26/2023 3:26:29 PM	Zinc	Total	=	124	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	0.798	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	1.54	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.467	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	0.875	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	3.57	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Acenaphthene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Acenaphthylene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Anthracene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benz(a)anthracene	n/a	DNQ	0.0036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benzo(a)pyrene	n/a	=	0.0074	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benzo(b)fluoranthene	n/a	=	0.0125	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0126	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Benzo(k)fluoranthene	n/a	=	0.009	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.296	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Butyl benzyl phthalate	n/a	=	0.0803	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Chrysene	n/a	=	0.0108	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.0027	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Diethyl phthalate	n/a	=	0.136	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Dimethyl phthalate	n/a	=	0.22	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Di-n-butylphthalate	n/a	=	0.0443	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Fluoranthene	n/a	=	0.0288	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Fluorene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0067	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Naphthalene	n/a	=	0.0089	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Phenanthrene	n/a	=	0.0149	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Pyrene	n/a	=	0.0354	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/28/2023 2:11:12 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/28/2023 2:11:12 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4,4'-DDE	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	alpha-Chlordane	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	gamma-Chlordane	n/a	DNQ	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	11/27/2023 9:40:04 PM	Glyphosate	n/a	=	40	µg/L	EPA 547	2.1	5	NCL	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/23/2023 5:06:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-1	Wet	11/16/2023 10:25:00 AM	12/15/2023 7:16:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	Conductivity	n/a	=	390.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/30/2024	Cyanide	Total	DNQ	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	DO	n/a	=	7.69	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	DO	n/a	=	76	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	pH	n/a	=	7.47	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	Specific Conductance	n/a	=	487	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/20/2024 7:55:00 AM	Temperature	n/a	=	15.1	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/20/2024 7:55:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	22.2	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.274	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/2/2024	Perchlorate	Total	=	9.8	µg/L	EPA 314.0	0.44	4	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	62	mg/L	SM 2320 B	1	1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/27/2024	BOD	n/a	=	10	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024	COD	n/a	=	96	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/11/2024 12:29:00 PM	Hardness as CaCO3	Total	=	103	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.599	mg/L	SM 5540 C	0.02	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	273	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	208	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	18.1	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	18.7	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	19.8	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	6.15	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.54	mg/L	EPA 8015B	0.05	0.11	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.057	mg/L	EPA 8015B	0.05	0.32	ENTHALPY	UL-MB
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.15	mg/L	EPA 8015B	0.05	0.32	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Aluminum	Dissolved	=	22.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Aluminum	Total	=	378	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Antimony	Dissolved	=	1.36	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Antimony	Total	=	1.2	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Arsenic	Dissolved	=	1.12	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Arsenic	Total	=	1.57	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Barium	Dissolved	=	19	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Barium	Total	=	30.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Beryllium	Dissolved	DNQ	0.015	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Beryllium	Total	=	0.031	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Cadmium	Dissolved	=	0.071	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Cadmium	Total	=	0.178	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Chromium	Dissolved	=	0.955	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Chromium	Total	=	1.73	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.58	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Copper	Dissolved	=	8.83	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Copper	Total	=	14.2	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Iron	Dissolved	=	49.1	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Iron	Total	=	543	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Lead	Dissolved	=	0.223	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Lead	Total	=	1.39	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.86	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	9.08	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Nickel	Dissolved	=	2.84	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Nickel	Total	=	3.86	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Selenium	Dissolved	=	0.9	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Selenium	Total	=	1.01	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Silver	Dissolved	=	0.023	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Silver	Total	DNQ	0.012	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/12/2024 7:45:00 PM	Zinc	Dissolved	=	29	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/13/2024 5:52:00 PM	Zinc	Total	=	59.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.71	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	1.07	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.449	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.554	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	2.65	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Acenaphthylene	n/a	DNQ	0.0033	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Anthracene	n/a	DNQ	0.0039	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benzo(b)fluoranthene	n/a	DNQ	0.0045	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Benzo(k)fluoranthene	n/a	=	0.0062	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.15	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Butyl benzyl phthalate	n/a	=	0.387	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Chrysene	n/a	DNQ	0.0042	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Diethyl phthalate	n/a	=	0.256	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Dimethyl phthalate	n/a	=	0.176	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Di-n-butylphthalate	n/a	=	0.498	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Fluoranthene	n/a	=	0.0071	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Fluorene	n/a	DNQ	0.0036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Naphthalene	n/a	=	0.0129	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Phenanthrene	n/a	=	0.0098	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Phenol	n/a	DNQ	0.175	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Pyrene	n/a	=	0.0084	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/3/2024 11:48:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	2/3/2024 11:48:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	gamma-Chlordane	n/a	DNQ	0.001	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	1/31/2024 9:04:00 PM	Glyphosate	n/a	=	16	µg/L	EPA 547	2.1	5	NCL	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Pentachlorophenol	n/a	=	0.623	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/5/2024 4:09:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-3	Wet	1/21/2024 8:20:00 AM	3/7/2024 4:12:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Conductivity	n/a	=	76.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	DO	n/a	=	10.53	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-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	DO	n/a	=	97.7	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	pH	n/a	*	6.44	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Salinity	n/a	DNQ	50	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Specific Conductance	n/a	=	101.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Temperature	n/a	=	11.9	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	6.23	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 4:15:00 AM	Fluoride	n/a	=	0.155	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/12/2024	Perchlorate	Total	DNQ	0.82	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	35	mg/L	SM 2320 B	1	1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024	COD	n/a	=	21	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/20/2024 11:53:00 PM	Hardness as CaCO3	Total	=	66.8	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.0862	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	150	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	112	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	4.89	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	33.2	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	34.5	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	7.3	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.17	mg/L	EPA 8015B	0.067	0.098	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.073	mg/L	EPA 8015B	0.067	0.29	ENTHALPY	UL-MB
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.14	mg/L	EPA 8015B	0.067	0.29	ENTHALPY	UL-MB
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Aluminum	Dissolved	=	9.99	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Aluminum	Total	=	976	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Antimony	Dissolved	=	0.31	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Antimony	Total	=	0.454	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Arsenic	Dissolved	=	0.729	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Arsenic	Total	=	1.02	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Barium	Dissolved	=	10.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Barium	Total	=	33	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Beryllium	Total	=	0.048	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Cadmium	Dissolved	=	0.03	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Cadmium	Total	=	0.372	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Chromium	Dissolved	=	0.338	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Chromium	Total	=	2.33	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/9/2024	Chromium VI	n/a	DNQ	0.28	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Copper	Dissolved	=	2.64	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Copper	Total	=	8.64	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Iron	Dissolved	=	15.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Iron	Total	=	1370	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Lead	Dissolved	=	0.127	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Lead	Total	=	2.48	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.49	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	6.44	ng/L	EPA 1631E	0.04	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Nickel	Dissolved	=	0.69	µg/L	EPA 200.8	0.013	0.042	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Nickel	Total	=	3.18	µg/L	EPA 200.8	0.013	0.042	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Selenium	Dissolved	=	0.561	µg/L	EPA 200.8	0.021	0.068	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Selenium	Total	=	0.648	µg/L	EPA 200.8	0.021	0.068	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Silver	Total	=	0.028	µg/L	EPA 200.8	0.01	0.02	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Thallium	Dissolved	=	0.08	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Thallium	Total	=	0.077	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:18:00 AM	Zinc	Dissolved	=	14.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:37:00 AM	Zinc	Total	=	65.7	µg/L	EPA 200.8	0.022	0.069	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.526	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.778	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS		PHYSIS
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.194	mg/L	SM 4500-P E	0.016	0.03	PHYSIS		PHYSIS
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.291	mg/L	SM 4500-P E	0.016	0.02	PHYSIS		PHYSIS
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.07	mg/L	EPA 351.2	0.13	0.4	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Acenaphthylene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Anthracene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benz(a)anthracene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benzo(a)pyrene	n/a	=	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benzo(b)fluoranthene	n/a	=	0.0128	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0088	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Benzo(k)fluoranthene	n/a	=	0.0136	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.987	µg/L	EPA 625.1	0.01	0.02	PHYSIS		

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Butyl benzyl phthalate	n/a	=	0.456	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Chrysene	n/a	=	0.0145	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Diethyl phthalate	n/a	=	0.0859	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Dimethyl phthalate	n/a	=	0.0915	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Di-n-butylphthalate	n/a	=	0.209	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Fluoranthene	n/a	=	0.021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Fluorene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Naphthalene	n/a	=	0.0067	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Phenanthrene	n/a	=	0.012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Pyrene	n/a	=	0.0252	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 8:05:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 8:05:00 AM	2,4-D	n/a	DNQ	0.7	µg/L	EPA 615	0.47	1	NCL	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	gamma-Chlordane	n/a	DNQ	0.0008	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 5:50:00 AM	Glyphosate	n/a	=	6.7	µg/L	EPA 547	2.1	5	NCL	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Malathion	n/a	=	0.0081	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Pentachlorophenol	n/a	=	0.163	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 5:52:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/16/2024 5:41:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:10:00 AM	6/15/2024 2:12:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/21/2024 1:02:00 PM	Chloride	n/a	=	29.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/21/2024 1:02:00 PM	Fluoride	n/a	=	0.911	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/2/2024 7:37:00 PM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/17/2024 3:42:00 PM	E. Coli	n/a	=	336	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/17/2024 3:42:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/21/2024 11:10:00 AM	Alkalinity as CaCO3	n/a	=	193	mg/L	SM 2320 B	1	1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/22/2024 11:50:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/18/2024 3:20:00 PM	COD	n/a	=	13	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	Conductivity	n/a	=	825	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/20/2024 9:27:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	DO	n/a	=	4.3	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	DO	n/a	=	45.1	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/3/2024 3:23:00 PM	Hardness as CaCO3	Total	=	417	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/17/2024 2:00:00 PM	MBAS	n/a	=	0.0888	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	pH	n/a	=	7.86	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	Salinity	n/a	=	480	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	Specific Conductance	n/a	=	971	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	901	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/16/2024 8:20:00 AM	Temperature	n/a	=	18.2	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	688	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	3.04	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	3.91	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/17/2024 3:45:00 PM	Turbidity	n/a	=	3.77	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	1.39	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	=	6.43	mg/L	EPA 1664B	1	1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 7:04:00 AM	TPH as Diesel C10-C28	n/a	DNQ	0.038	mg/L	EPA 8015B	0.037	0.051	Eurofins_Tustin	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 7:04:00 AM	TPH as Gasoline C6-C10	n/a	<	0.037	mg/L	EPA 8015B	0.037	0.051	Eurofins_Tustin	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 7:04:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.037	mg/L	EPA 8015B	0.037	0.051	Eurofins_Tustin	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Aluminum	Total	=	23.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Antimony	Total	DNQ	0.068	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Arsenic	Dissolved	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Barium	Dissolved	=	32.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Barium	Total	=	35.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Chromium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Chromium	Total	=	0.134	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/30/2024 7:37:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Copper	Dissolved	=	1.58	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Copper	Total	=	2.63	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Iron	Dissolved	=	25.3	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Iron	Total	=	177	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Lead	Total	=	0.1	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.76	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	2.17	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Nickel	Dissolved	=	1.61	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Nickel	Total	=	1.85	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Selenium	Dissolved	=	2.26	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Selenium	Total	=	3.36	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 11:18:00 AM	Zinc	Dissolved	=	2.92	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 12:01:00 PM	Zinc	Total	=	6.31	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	=	0.126	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.645	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	=	0.103	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.114	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	=	0.697	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/18/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LB-LCSR, PMQC
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benzenidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.108	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Butyl benzyl phthalate	n/a	=	0.106	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Diethyl phthalate	n/a	=	0.037	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Di-n-butylphthalate	n/a	=	0.0573	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/18/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5	ENTHALPY	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Naphthalene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Phenanthrene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Pyrene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 3:30:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/4/2024 3:30:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	5/28/2024 10:29:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Pentachlorophenol	n/a	DNQ	0.0916	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/15/2024 2:12:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-FIL	2023/24-6	Dry	5/16/2024 8:20:00 AM	6/18/2024 2:38:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/18/2024 4:31:00 PM	E. Coli	n/a	=	262	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/18/2024 4:31:00 PM	Total Coliform	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	10/3/2024 9:51:00 PM	Calcium	Total	=	129	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	10/3/2024 9:51:00 PM	Magnesium	Total	=	37.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Conductivity	n/a	=	1617	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Discharge	n/a	=	0.03	cfs	Field Estimate	-88	-88	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	DO	n/a	=	5.23	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	DO	n/a	=	57.6	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	10/3/2024 9:51:00 PM	Hardness as CaCO3	Total	=	475	mg/L	EPA 200.7	0.121	3.31	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	pH	n/a	=	8.03	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Specific Conductance	n/a	=	1125	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Temperature	n/a	=	20	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/25/2024 1:44:00 PM	Total Organic Carbon	n/a	=	3.7	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/17/2024 10:40:00 AM	Turbidity	n/a	=	42.9	NTU	Field Meter	-88	0.01	Field Crew	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/30/2024 2:34:00 PM	Copper	Dissolved	=	2.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/30/2024 2:34:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2024-DRY	Dry	9/17/2024 10:40:00 AM	9/30/2024 2:34:00 PM	Zinc	Dissolved	DNQ	7.6	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/16/2023 2:15:00 PM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/16/2023 2:15:00 PM	Total Coliform	n/a	=	150000	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
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	Conductivity	n/a	=	4275	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	DO	n/a	=	3.9	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	DO	n/a	=	40.3	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	pH	n/a	=	7.68	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	Salinity	n/a	=	2820	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	Specific Conductance	n/a	=	5212	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/15/2023 6:00:00 PM	Temperature	n/a	=	15.6	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/15/2023 6:00:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	2570	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.444	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/1/2023	Perchlorate	Total	<	5.9	µg/L	EPA 314.0	5.9	20	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	305	mg/L	SM 2320 B	1	1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/22/2023	BOD	n/a	=	5.7	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/24/2023	COD	n/a	=	51	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/28/2023 5:23:16 PM	Hardness as CaCO3	Total	=	1900	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.539	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	9000	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	6960	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	15.1	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	19.9	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	23.6	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	6.25	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023	TPH as Diesel C10-C28	n/a	=	0.31	mg/L	EPA 8015B	0.046	0.098	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023	TPH as Gasoline C6-C10	n/a	<	0.046	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/21/2023	TPH as Motor Oil C28-C44	n/a	DNQ	0.066	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Aluminum	Dissolved	=	12.5	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Aluminum	Total	=	214	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Antimony	Dissolved	=	1.02	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Antimony	Total	=	1.05	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Arsenic	Dissolved	=	1.41	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Arsenic	Total	=	2.35	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Barium	Dissolved	=	58.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Barium	Total	=	66	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Cadmium	Dissolved	=	0.032	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Cadmium	Total	=	0.029	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Chromium	Dissolved	DNQ	0.049	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Chromium	Total	=	0.525	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/28/2023	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Copper	Dissolved	=	2.31	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Copper	Total	=	4.9	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Iron	Dissolved	=	46.2	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Iron	Total	=	1820	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Lead	Total	=	0.682	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	0.628	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	4.04	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Nickel	Dissolved	=	3.04	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Nickel	Total	=	3.36	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Selenium	Dissolved	=	0.582	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Selenium	Total	=	0.455	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Silver	Dissolved	=	0.406	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Silver	Total	=	0.315	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 2:07:23 PM	Zinc	Dissolved	=	36.9	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/26/2023 3:15:56 PM	Zinc	Total	=	59.3	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	1.48	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.414	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.252	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	0.559	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	2.91	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Acenaphthene	n/a	=	0.0055	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Anthracene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benzo(a)pyrene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benzo(b)fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0269	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Butyl benzyl phthalate	n/a	=	0.021	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Chrysene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Diethyl phthalate	n/a	=	0.0368	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Dimethyl phthalate	n/a	=	0.504	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Di-n-butylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Fluoranthene	n/a	=	0.0091	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Fluorene	n/a	DNQ	0.0039	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Naphthalene	n/a	=	0.0078	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Phenanthrene	n/a	=	0.0093	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Pyrene	n/a	=	0.01	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/28/2023 1:08:55 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/28/2023 1:08:55 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4,4'-DDD	n/a	DNQ	0.001	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4,4'-DDE	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	alpha-Chlordane	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	gamma-Chlordane	n/a	DNQ	0.0009	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	11/27/2023 8:56:28 PM	Glyphosate	n/a	DNQ	3	µg/L	EPA 547	2.1	5	NCL	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Malathion	n/a	=	0.007	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/23/2023 1:37:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-1	Wet	11/16/2023 9:35:00 AM	12/15/2023 5:44:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	6131	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	155310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	Conductivity	n/a	=	5654	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	DO	n/a	=	6.01	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	DO	n/a	=	60.5	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	pH	n/a	=	7.33	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	Salinity	n/a	=	3990	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	Specific Conductance	n/a	=	6982	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/20/2024 5:15:00 AM	Temperature	n/a	=	15.2	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/20/2024 5:15:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	1090	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/8/2024	Perchlorate	Total	<	1.8	µg/L	EPA 314.0	1.8	20	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	147	mg/L	SM 2320 B	1	1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/27/2024	BOD	n/a	=	3	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024	COD	n/a	=	76	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/11/2024 12:23:00 PM	Hardness as CaCO3	Total	=	738	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.231	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	3540	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	2460	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	5.85	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	56.7	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	44.4	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	13.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.25	mg/L	EPA 8015B	0.051	0.11	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.053	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	UL-MB
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.14	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Aluminum	Dissolved	DNQ	3.05	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Aluminum	Total	=	577	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Antimony	Dissolved	=	0.911	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Antimony	Total	=	0.468	µg/L	EPA 200.8	0.03	0.15	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Arsenic	Dissolved	=	0.906	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Arsenic	Total	=	1.76	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Barium	Dissolved	=	28.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Barium	Total	=	40.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Beryllium	Total	=	0.046	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Cadmium	Total	=	0.165	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Chromium	Dissolved	=	0.094	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Chromium	Total	=	1.39	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/30/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Copper	Dissolved	=	0.525	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Copper	Total	=	4.8	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Iron	Dissolved	=	18	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Iron	Total	=	2470	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Lead	Dissolved	=	0.044	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Lead	Total	=	3.71	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	1.67	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	8.26	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Nickel	Dissolved	=	1.45	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Nickel	Total	=	3.28	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Selenium	Dissolved	=	0.448	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Selenium	Total	=	0.369	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Silver	Dissolved	=	0.039	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Silver	Total	=	0.035	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/12/2024 7:34:00 PM	Zinc	Dissolved	=	3.63	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/13/2024 5:41:00 PM	Zinc	Total	=	38	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.589	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.363	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.126	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.479	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.42	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,4-Dinitrophenol	n/a	DNQ	0.172	µg/L	EPA 625.1	0.1	0.2	PHYSIS	-LCSRPD, LB-L
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Acenaphthene	n/a	=	0.0111	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Acenaphthylene	n/a	DNQ	0.0019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Anthracene	n/a	DNQ	0.0044	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benz(a)anthracene	n/a	DNQ	0.0035	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benzo(a)pyrene	n/a	=	0.0126	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benzo(b)fluoranthene	n/a	=	0.0071	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benzo(g,h,i)perylene	n/a	=	0.01	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.87	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Butyl benzyl phthalate	n/a	=	0.299	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Chrysene	n/a	=	0.0097	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Diethyl phthalate	n/a	=	0.146	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Dimethyl phthalate	n/a	=	1.35	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Di-n-butylphthalate	n/a	=	0.256	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Fluoranthene	n/a	=	0.0279	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Fluorene	n/a	=	0.0061	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Naphthalene	n/a	=	0.0146	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Phenanthrene	n/a	=	0.0207	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Pyrene	n/a	=	0.0259	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/3/2024 10:46:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	2/3/2024 10:46:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4,4'-DDE	n/a	=	0.0071	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	alpha-Chlordane	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	gamma-Chlordane	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	1/31/2024 8:20:00 PM	Glyphosate	n/a	DNQ	3.1	µg/L	EPA 547	2.1	5	NCL	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Pentachlorophenol	n/a	DNQ	0.093	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/5/2024 12:39:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-3	Wet	1/21/2024 8:00:00 AM	3/7/2024 2:40:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/2/2024 8:00:00 AM	E. Coli	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/2/2024 8:00:00 AM	Total Coliform	n/a	=	95900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Conductivity	n/a	=	90.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	DO	n/a	=	87.9	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	DO	n/a	=	9.01	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	pH	n/a	=	8.24	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Salinity	n/a	DNQ	50	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Specific Conductance	n/a	=	113.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/1/2024 6:20:00 AM	Temperature	n/a	=	14.1	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 6:20:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	498	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.241	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/12/2024	Perchlorate	Total	<	1.8	µg/L	EPA 314.0	1.8	20	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	80	mg/L	SM 2320 B	1	1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024	COD	n/a	=	58	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/20/2024 11:46:00 PM	Hardness as CaCO3	Total	=	365	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.164	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	2000	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	1180	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	3.84	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	79.3	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	55.3	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	25.7	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.22	mg/L	EPA 8015B	0.069	0.1	ENTHALPY	UL-MB
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.071	mg/L	EPA 8015B	0.069	0.31	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	=	0.33	mg/L	EPA 8015B	0.069	0.31	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Aluminum	Dissolved	DNQ	3.04	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Aluminum	Total	=	1230	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Antimony	Dissolved	=	0.538	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Antimony	Total	=	0.714	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Arsenic	Dissolved	=	0.505	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Arsenic	Total	=	2.37	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Barium	Dissolved	=	15.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Barium	Total	=	42.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Beryllium	Total	=	0.064	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Cadmium	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Chromium	Dissolved	=	0.149	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Chromium	Total	=	3.22	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Copper	Dissolved	=	0.577	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Copper	Total	=	10.9	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Iron	Dissolved	=	22.9	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Iron	Total	=	5280	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Lead	Dissolved	=	0.08	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Lead	Total	=	9.68	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	1.42	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	7.75	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Nickel	Dissolved	=	0.636	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Nickel	Total	=	4.14	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Selenium	Dissolved	=	0.252	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Selenium	Total	=	0.29	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Silver	Dissolved	=	0.042	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Silver	Total	=	0.047	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Thallium	Dissolved	=	0.057	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Thallium	Total	=	0.077	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 6:07:00 AM	Zinc	Dissolved	=	4.46	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/28/2024 7:27:00 AM	Zinc	Total	=	87.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.265	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	EST-LCSRPD
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.294	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	DNQ	0.0231	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.488	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Acenaphthene	n/a	DNQ	0.0048	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Acenaphthylene	n/a	DNQ	0.002	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Anthracene	n/a	=	0.0057	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benz(a)anthracene	n/a	=	0.0241	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benzo(a)pyrene	n/a	=	0.0234	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benzo(b)fluoranthene	n/a	=	0.034	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0321	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Benzo(k)fluoranthene	n/a	=	0.0187	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.1	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Butyl benzyl phthalate	n/a	=	0.298	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Chrysene	n/a	=	0.0338	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Dibenz(a,h)anthracene	n/a	=	0.0068	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Diethyl phthalate	n/a	=	0.0909	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Dimethyl phthalate	n/a	=	0.765	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Di-n-butylphthalate	n/a	=	0.125	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Fluoranthene	n/a	=	0.0688	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Fluorene	n/a	DNQ	0.0046	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0224	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Naphthalene	n/a	=	0.0092	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Phenanthrene	n/a	=	0.0329	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Pyrene	n/a	=	0.0692	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 5:28:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/19/2024 5:28:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4,4'-DDD	n/a	=	0.0039	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4,4'-DDE	n/a	=	0.0105	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	alpha-Chlordane	n/a	=	0.0024	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	gamma-Chlordane	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	2/14/2024 5:07:00 AM	Glyphosate	n/a	DNQ	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Pentachlorophenol	n/a	=	0.296	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/19/2024 2:22:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-4	Wet	2/1/2024 2:40:00 PM	3/16/2024 4:07:00 AM	Toxaphene	n/a	=	0.336	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/25/2024 5:57:00 AM	Chloride	n/a	=	2860	mg/L	EPA 300.0	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/25/2024 5:57:00 AM	Fluoride	n/a	=	0.533	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/2/2024 10:25:00 PM	Perchlorate	Total	<	3.6	µg/L	EPA 314.0	3.6	40	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/24/2024 10:30:00 AM	Alkalinity as CaCO3	n/a	=	360	mg/L	SM 2320 B	1	1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/27/2024 9:10:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/23/2024 12:00:00 PM	COD	n/a	=	32	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/10/2024 6:15:00 PM	Hardness as CaCO3	Total	=	1700	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/22/2024 1:30:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	10100	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/29/2024 9:30:00 AM	Total Dissolved Solids	n/a	=	6930	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	5.29	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/23/2024 6:00:00 AM	Total Suspended Solids	n/a	=	9.96	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/22/2024 9:30:00 AM	Turbidity	n/a	=	17.1	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/23/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	3.85	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 7:28:00 AM	TPH as Diesel C10-C28	n/a	<	0.028	mg/L	EPA 8015B	0.028	0.039	Eurofins_Tustin	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 7:28:00 AM	TPH as Gasoline C6-C10	n/a	DNQ	0.028	mg/L	EPA 8015B	0.028	0.039	Eurofins_Tustin	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 7:28:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.028	mg/L	EPA 8015B	0.028	0.039	Eurofins_Tustin	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Aluminum	Dissolved	=	8.25	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Aluminum	Total	=	42.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Antimony	Dissolved	=	0.867	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Antimony	Total	=	0.374	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Arsenic	Dissolved	=	2.25	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Arsenic	Total	=	2.88	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Barium	Dissolved	=	56.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Barium	Total	=	60.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Cadmium	Dissolved	=	0.623	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Cadmium	Total	=	0.368	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Chromium	Dissolved	=	0.138	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Chromium	Total	=	0.233	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/4/2024 11:28:00 AM	Chromium VI	n/a	<	1.5	µg/L	EPA 218.6	1.5	2	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Copper	Dissolved	=	0.298	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Copper	Total	=	0.543	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Iron	Dissolved	=	14.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Iron	Total	=	1790	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Lead	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Lead	Total	=	0.266	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.57	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	1.83	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Nickel	Dissolved	=	2.59	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Nickel	Total	=	2.42	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Selenium	Dissolved	=	1.48	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Selenium	Total	=	1.38	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Silver	Dissolved	=	0.08	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Silver	Total	=	0.031	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Thallium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:14:00 PM	Zinc	Dissolved	=	1.77	µg/L	EPA 200.8	0.022	0.069	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/7/2024 11:40:00 PM	Zinc	Total	=	2.72	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	=	0.695	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.315	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.123	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Total	=	0.401	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	=	1.11	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Acenaphthene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Ben-zidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0687	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Butyl benzyl phthalate	n/a	=	0.105	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Chrysene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Diethyl phthalate	n/a	=	0.0528	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Dimethyl phthalate	n/a	=	0.684	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Di-n-butylphthalate	n/a	=	0.0478	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Fluoranthene	n/a	DNQ	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Fluorene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Naphthalene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Phenanthrene	n/a	DNQ	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Pyrene	n/a	DNQ	0.0037	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/4/2024 6:07:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/4/2024 6:07:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	5/29/2024 1:23:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/16/2024 2:49:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:10:00 AM	6/19/2024 4:51:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/22/2024 2:00:00 PM	E. Coli	n/a	=	5493	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/22/2024 2:00:00 PM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	Conductivity	n/a	=	7887	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/28/2024 8:10:00 PM	Cyanide	Total	<	0.0023	mg/L	EPA 335.4	0.0023	0.005	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	DO	n/a	=	75.6	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	DO	n/a	=	6.83	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	pH	n/a	=	7.58	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	Salinity	n/a	=	5020	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	Specific Conductance	n/a	=	8950	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/21/2024 10:15:00 AM	Temperature	n/a	=	19.1	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	=	2.54	mg/L	EPA 1664B	1	1	PHYSIS	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/24/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-HUE	2023/24-6	Dry	5/21/2024 10:15:00 AM	5/24/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/20/2023 1:35:00 PM	E. Coli	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/20/2023 1:35:00 PM	Total Coliform	n/a	=	1986300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	Conductivity	n/a	=	74.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/21/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	DO	n/a	=	9.17	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	DO	n/a	=	92.5	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	pH	n/a	=	7.49	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	Salinity	n/a	DNQ	40	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	Specific Conductance	n/a	=	93.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/19/2023 1:56:00 PM	Temperature	n/a	=	15.7	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	1/3/2024 10:00:00 AM	Oil and Grease	n/a	=	1.69	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/19/2023 1:56:00 PM	12/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/9/2024 11:13:00 AM	Chloride	n/a	=	11.7	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/9/2024 11:13:00 AM	Fluoride	n/a	=	0.128	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/21/2023	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/26/2023 1:00:00 PM	Alkalinity as CaCO3	n/a	=	76	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/26/2023	BOD	n/a	=	15	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/21/2023	COD	n/a	=	130	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/29/2024 6:42:00 PM	Hardness as CaCO3	Total	=	45.7	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/21/2023 1:45:00 PM	MBAS	n/a	=	0.295	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/4/2024 12:15:00 PM	Specific Conductance	n/a	=	118	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/26/2023 1:00:00 PM	Total Dissolved Solids	n/a	=	128	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/25/2024 6:30:00 PM	Total Organic Carbon	n/a	=	27.8	mg/L	SM 5310 B	0.2	0.44	PHYSIS	HB-MSR
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/22/2023 8:00:00 AM	Total Suspended Solids	n/a	=	68	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/21/2023 9:45:00 AM	Turbidity	n/a	=	84.8	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/26/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	31.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/22/2023	TPH as Diesel C10-C28	n/a	=	0.68	mg/L	EPA 8015B	0.046	0.098	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/22/2023	TPH as Gasoline C6-C10	n/a	DNQ	0.081	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	UL-MB
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/22/2023	TPH as Motor Oil C28-C44	n/a	=	0.41	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Aluminum	Dissolved	=	29.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Aluminum	Total	=	733	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Antimony	Dissolved	=	0.546	µg/L	EPA 200.8	0.03	0.15	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Antimony	Total	=	0.351	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Arsenic	Dissolved	=	0.867	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Arsenic	Total	=	0.985	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Barium	Dissolved	=	20.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Barium	Total	=	30.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Beryllium	Dissolved	=	0.033	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Beryllium	Total	=	0.059	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Cadmium	Dissolved	=	0.046	µg/L	EPA 200.8	0.007	0.023	PHYSIS	EST-LD
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Cadmium	Total	=	0.128	µg/L	EPA 200.8	0.007	0.023	PHYSIS	EST-LD
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Chromium	Dissolved	=	0.275	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Chromium	Total	=	1.51	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/28/2023	Chromium VI	n/a	DNQ	0.5	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Copper	Dissolved	=	5.35	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Copper	Total	=	8.39	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Iron	Dissolved	=	33.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Iron	Total	=	707	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Lead	Dissolved	=	0.021	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Lead	Total	=	2.58	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	2/1/2024 1:00:00 PM	Mercury	Dissolved	=	5.44	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	2/1/2024 1:00:00 PM	Mercury	Total	=	2.84	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Nickel	Dissolved	=	1.91	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Nickel	Total	=	3.5	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Selenium	Dissolved	=	0.219	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Selenium	Total	=	0.143	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Silver	Dissolved	=	1.06	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Silver	Total	=	0.43	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:15:00 AM	Zinc	Dissolved	=	33.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/19/2024 4:31:00 AM	Zinc	Total	=	52.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/3/2024 1:10:00 PM	Ammonia as N	n/a	=	0.066	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/27/2023 2:30:00 PM	Nitrate + Nitrite as N	n/a	=	0.031	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.483	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/5/2023 2:00:00 PM	Phosphorus as P	Total	=	0.964	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/29/2023 9:14:00 AM	TKN	n/a	=	1.94	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	LB-LCSR
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Acenaphthene	n/a	DNQ	0.0019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Acenaphthylene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Anthracene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benz(a)anthracene	n/a	DNQ	0.0047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benididine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benzo(a)pyrene	n/a	=	0.018	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0188	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.375	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Butyl benzyl phthalate	n/a	=	0.12	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Chrysene	n/a	=	0.0224	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Diethyl phthalate	n/a	=	0.0817	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Dimethyl phthalate	n/a	=	0.0928	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Di-n-butylphthalate	n/a	=	0.0656	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Di-n-octylphthalate	n/a	=	0.089	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Fluoranthene	n/a	=	0.0226	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Fluorene	n/a	DNQ	0.0029	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Hexachlorocyclopentadiene	n/a	=	1.87	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0053	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Naphthalene	n/a	=	0.007	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Phenanthrene	n/a	=	0.0174	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LB-LCSR
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Pyrene	n/a	=	0.0334	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/28/2023 11:44:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/28/2023 11:44:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	alpha-Chlordane	n/a	DNQ	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	gamma-Chlordane	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	12/27/2023 7:46:00 PM	Glyphosate	n/a	=	29	µg/L	EPA 547	2.1	5	NCL	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Pentachlorophenol	n/a	=	4.14	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/17/2024 2:26:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-2	Wet	12/20/2023 8:05:00 AM	1/11/2024 10:15:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	387300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 8:00:00 AM	Conductivity	n/a	=	184	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	DO	n/a	=	93.5	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	DO	n/a	=	9.77	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	pH	n/a	=	7.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	Salinity	n/a	=	110	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	Specific Conductance	n/a	=	236.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/20/2024 7:50:00 AM	Temperature	n/a	=	13.2	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	=	1.07	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-MEI	2023/24-3	Wet	1/20/2024 7:50:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	2.42	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.121	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	30	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/11/2024 12:16:00 PM	Hardness as CaCO3	Total	=	38	mg/L	SM 2340 B	0.1	0.5	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.292	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	83.5	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	68	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	20	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	128	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	135	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	44.3	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Aluminum	Dissolved	=	34.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Aluminum	Total	=	2170	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Antimony	Dissolved	=	0.262	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Antimony	Total	=	0.286	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Arsenic	Dissolved	=	0.965	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Arsenic	Total	=	1.36	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Barium	Dissolved	=	13.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Barium	Total	=	68.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Beryllium	Dissolved	DNQ	0.021	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Beryllium	Total	=	0.107	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Chromium	Dissolved	=	0.507	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Chromium	Total	=	4.16	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.31	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Copper	Dissolved	=	5.16	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Copper	Total	=	12.9	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Iron	Dissolved	=	50.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Iron	Total	=	2530	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Lead	Dissolved	=	0.569	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Lead	Total	=	8.12	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.56	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	7.36	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Nickel	Dissolved	=	1.76	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Nickel	Total	=	8.59	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Selenium	Dissolved	=	0.159	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Selenium	Total	=	0.231	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Silver	Dissolved	=	0.022	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Thallium	Dissolved	DNQ	0.042	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Thallium	Total	=	0.065	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/12/2024 7:24:00 PM	Zinc	Dissolved	=	16.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/13/2024 5:30:00 PM	Zinc	Total	=	100	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	DNQ	0.019	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.111	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.273	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.574	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.74	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,4-Dinitrophenol	n/a	DNQ	0.167	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Acenaphthylene	n/a	=	0.0077	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Anthracene	n/a	=	0.0059	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benz(a)anthracene	n/a	=	0.0052	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benzo(b)fluoranthene	n/a	=	0.021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0518	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Benzo(k)fluoranthene	n/a	=	0.0177	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	1.96	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Butyl benzyl phthalate	n/a	=	1.88	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Chrysene	n/a	=	0.0425	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Diethyl phthalate	n/a	=	0.132	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Dimethyl phthalate	n/a	=	0.439	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Di-n-butylphthalate	n/a	=	0.228	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Fluoranthene	n/a	=	0.0414	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Fluorene	n/a	=	0.0052	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Naphthalene	n/a	=	0.0264	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Phenanthrene	n/a	=	0.0462	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Phenol	n/a	=	0.377	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Pyrene	n/a	=	0.0579	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	alpha-Chlordane	n/a	=	0.0047	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	-LCSRPD, LB-L
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	gamma-Chlordane	n/a	=	0.0044	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Pentachlorophenol	n/a	=	1.28	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/5/2024 12:26:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-3	Wet	1/21/2024 7:30:00 AM	3/7/2024 1:07:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	155310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	461100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	Conductivity	n/a	=	78.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	DO	n/a	=	93.2	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	DO	n/a	=	9.97	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	pH	n/a	=	7.33	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	Salinity	n/a	DNQ	5.3	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	Specific Conductance	n/a	=	103.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/1/2024 5:05:00 AM	Temperature	n/a	=	12.2	°C	Field Meter	-88	0.1	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 5:05:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	6.68	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.114	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	36	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/8/2024	BOD	n/a	=	3.3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/8/2024	COD	n/a	=	31	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/20/2024 11:40:00 PM	Hardness as CaCO3	Total	=	50.5	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	DNQ	0.0215	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	113	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	106	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	0.677	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	101	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	189	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	13.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.11	mg/L	EPA 8015B	0.069	0.1	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.073	mg/L	EPA 8015B	0.069	0.3	ENTHALPY	UL-MB
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.083	mg/L	EPA 8015B	0.069	0.3	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Aluminum	Dissolved	=	39.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Aluminum	Total	=	2330	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Antimony	Dissolved	=	0.315	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Antimony	Total	DNQ	0.146	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Arsenic	Dissolved	=	0.989	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Arsenic	Total	=	0.815	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Barium	Dissolved	=	23.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Barium	Total	=	67.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Beryllium	Total	=	0.123	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Cadmium	Dissolved	=	0.023	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Cadmium	Total	=	0.126	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Chromium	Dissolved	=	0.298	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Chromium	Total	=	5.79	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/8/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Copper	Dissolved	=	2.55	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Copper	Total	=	6.88	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Iron	Dissolved	=	82.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Iron	Total	=	2700	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Lead	Dissolved	=	0.086	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Lead	Total	=	2.93	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.71	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	6.92	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Nickel	Dissolved	=	1.62	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Nickel	Total	=	14.9	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Selenium	Dissolved	=	0.175	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Selenium	Total	=	0.133	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Silver	Dissolved	=	0.034	µg/L	EPA 200.8	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Silver	Total	=	0.056	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Thallium	Dissolved	=	0.1	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Thallium	Total	=	0.081	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 5:56:00 AM	Zinc	Dissolved	=	3.3	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/28/2024 7:16:00 AM	Zinc	Total	=	31	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.178	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	EST-LCSRDP
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.929	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.379	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.634	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	2.04	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Acenaphthylene	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Anthracene	n/a	DNQ	0.0041	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benz(a)anthracene	n/a	=	0.0145	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benzenidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benzo(a)pyrene	n/a	=	0.0156	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benzo(b)fluoranthene	n/a	=	0.0208	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benzo(g,h,i)perylene	n/a	=	0.019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Benzo(k)fluoranthene	n/a	=	0.0173	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.605	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Butyl benzyl phthalate	n/a	=	0.483	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Chrysene	n/a	=	0.026	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Diethyl phthalate	n/a	=	0.0702	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Dimethyl phthalate	n/a	=	0.0483	µg/L	EPA 625.1	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Di-n-butylphthalate	n/a	=	0.138	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Fluoranthene	n/a	=	0.0376	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Fluorene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.008	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Naphthalene	n/a	=	0.0055	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Phenanthrene	n/a	=	0.0183	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Pyrene	n/a	=	0.0378	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/19/2024 4:26:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/19/2024 4:26:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4,4'-DDE	n/a	=	0.0054	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	alpha-Chlordane	n/a	=	0.0048	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Diazinon	n/a	=	0.0105	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	gamma-Chlordane	n/a	=	0.004	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	2/14/2024 3:17:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Pentachlorophenol	n/a	=	0.274	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/19/2024 10:52:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-4	Wet	2/1/2024 2:35:00 PM	3/16/2024 1:46:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/22/2024 2:00:00 PM	E. Coli	n/a	=	345	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/22/2024 2:00:00 PM	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	Conductivity	n/a	=	1520	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/28/2024 8:08:00 PM	Cyanide	Total	<	0.0023	mg/L	EPA 335.4	0.0023	0.005	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	DO	n/a	=	11.35	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	DO	n/a	=	109.2	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	pH	n/a	=	8.68	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	Specific Conductance	n/a	=	1954	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/21/2024 6:50:00 AM	Temperature	n/a	=	13.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/24/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 6:50:00 AM	5/24/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/25/2024 5:57:00 AM	Chloride	n/a	=	205	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/25/2024 5:57:00 AM	Fluoride	n/a	=	0.274	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/2/2024 9:01:00 PM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/24/2024 10:30:00 AM	Alkalinity as CaCO3	n/a	=	386	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/27/2024 9:10:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/23/2024 12:00:00 PM	COD	n/a	=	25	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/10/2024 6:09:00 PM	Hardness as CaCO3	Total	=	755	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/22/2024 1:30:00 PM	MBAS	n/a	DNQ	0.0474	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	1630	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/29/2024 9:30:00 AM	Total Dissolved Solids	n/a	=	1240	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	8.32	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/23/2024 6:00:00 AM	Total Suspended Solids	n/a	=	0.88	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/22/2024 9:30:00 AM	Turbidity	n/a	=	1.48	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/23/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	0.79	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 6:46:00 AM	TPH as Diesel C10-C28	n/a	=	0.27	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 6:46:00 AM	TPH as Gasoline C6-C10	n/a	=	0.14	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 6:46:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Aluminum	Dissolved	DNQ	4.81	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Aluminum	Total	=	33.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Antimony	Dissolved	=	0.562	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Antimony	Total	=	0.273	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Arsenic	Dissolved	=	2.73	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Arsenic	Total	=	2.78	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Barium	Dissolved	=	70.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Barium	Total	=	67.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Cadmium	Dissolved	=	0.372	µg/L	EPA 200.8	0.007	0.023	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Cadmium	Total	=	0.275	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Chromium	Dissolved	=	0.258	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Chromium	Total	=	0.248	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/3/2024 11:38:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Copper	Dissolved	=	5.18	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Copper	Total	=	5.68	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Iron	Dissolved	DNQ	5.13	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Iron	Total	=	30	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Lead	Dissolved	=	0.022	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Lead	Total	=	0.037	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	2.67	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	2.46	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Nickel	Dissolved	=	6.07	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Nickel	Total	=	6.02	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Selenium	Dissolved	=	0.735	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Selenium	Total	=	0.753	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Thallium	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:03:00 PM	Zinc	Dissolved	=	1.11	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/7/2024 11:30:00 PM	Zinc	Total	=	1.35	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.029	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.131	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Dissolved	DNQ	0.026	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Total	=	0.0399	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	=	0.643	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0386	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Butyl benzyl phthalate	n/a	=	0.208	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Diethyl phthalate	n/a	=	0.0533	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Di-n-butylphthalate	n/a	=	0.0768	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Naphthalene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/4/2024 5:05:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/4/2024 5:05:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	5/29/2024 12:39:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Pentachlorophenol	n/a	DNQ	0.0926	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/16/2024 11:19:00 AM	Simazine	n/a	DNQ	0.0062	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MEI	2023/24-6	Dry	5/21/2024 7:20:00 AM	6/19/2024 3:20:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/16/2023 4:35:00 PM	E. Coli	n/a	=	2098	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/16/2023 4:35:00 PM	Total Coliform	n/a	=	579400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	Conductivity	n/a	=	315.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	DO	n/a	=	9	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	DO	n/a	=	88.9	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	pH	n/a	=	7.1	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	Specific Conductance	n/a	=	390	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/15/2023 5:25:00 PM	Temperature	n/a	=	14.7	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/15/2023 5:25:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	64.5	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.734	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/30/2023	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	73	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/22/2023	BOD	n/a	=	54	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/24/2023	COD	n/a	=	260	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/28/2023 5:46:06 PM	Hardness as CaCO3	Total	=	108	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.656	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	438	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	336	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	5.41	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	2010	mg/L	SM 2540 D	0.5	0.5	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	318	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	196	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/22/2023	TPH as Diesel C10-C28	n/a	DNQ	1.1	mg/L	EPA 8015B	0.91	2	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/22/2023	TPH as Gasoline C6-C10	n/a	<	0.91	mg/L	EPA 8015B	0.91	5.9	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/22/2023	TPH as Motor Oil C28-C44	n/a	<	0.91	mg/L	EPA 8015B	0.91	5.9	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Aluminum	Dissolved	=	37.2	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Aluminum	Total	=	5070	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Antimony	Dissolved	=	1.28	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Antimony	Total	=	0.764	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Arsenic	Dissolved	=	2.88	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Arsenic	Total	=	3.57	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Barium	Dissolved	=	51.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Barium	Total	=	123	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Beryllium	Total	=	0.38	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Cadmium	Dissolved	=	0.089	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Cadmium	Total	=	0.786	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Chromium	Dissolved	=	1.28	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Chromium	Total	=	8.55	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023	Chromium VI	n/a	DNQ	0.88	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Copper	Dissolved	=	6.24	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Iron	Dissolved	=	166	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Iron	Total	=	5190	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Lead	Dissolved	=	0.227	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Lead	Total	=	8.21	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	1.98	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	28	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Nickel	Dissolved	=	7.02	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Nickel	Total	=	14.6	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Selenium	Dissolved	=	0.394	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Selenium	Total	=	0.415	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Silver	Dissolved	=	0.204	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Silver	Total	=	0.188	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 2:44:14 PM	Zinc	Dissolved	=	60.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/26/2023 3:52:48 PM	Zinc	Total	=	135	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	0.99	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.473	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.69	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	1.59	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	6.75	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Acenaphthene	n/a	DNQ	0.0033	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Acenaphthylene	n/a	=	0.0068	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Anthracene	n/a	=	0.0057	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benz(a)anthracene	n/a	=	0.0066	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benzo(a)pyrene	n/a	=	0.0099	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benzo(b)fluoranthene	n/a	=	0.017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0195	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Benzo(k)fluoranthene	n/a	=	0.0163	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.45	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Butyl benzyl phthalate	n/a	=	0.2	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Chrysene	n/a	=	0.0234	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.0047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Diethyl phthalate	n/a	=	0.218	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Dimethyl phthalate	n/a	=	0.161	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Di-n-butylphthalate	n/a	=	0.0757	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Fluoranthene	n/a	=	0.0522	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Fluorene	n/a	DNQ	0.0046	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0152	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Naphthalene	n/a	=	0.0272	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Phenanthrene	n/a	=	0.0531	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Phenol	n/a	DNQ	0.111	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Pyrene	n/a	=	0.0577	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023 4:15:47 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023 4:15:47 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4,4'-DDE	n/a	=	0.0125	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	alpha-Chlordane	n/a	=	0.0029	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	gamma-Chlordane	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	11/28/2023 12:34:30 AM	Glyphosate	n/a	=	42	µg/L	EPA 547	2.1	5	NCL	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Pentachlorophenol	n/a	DNQ	0.098	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/23/2023 1:51:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-1	Wet	11/16/2023 7:53:00 AM	12/15/2023 11:08:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	30760	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	Conductivity	n/a	=	432.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	DO	n/a	=	97.3	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	DO	n/a	=	10.54	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	pH	n/a	=	8.38	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	Specific Conductance	n/a	=	578	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-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/20/2024 6:00:00 AM	Temperature	n/a	=	11.8	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/20/2024 6:00:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	6.45	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.139	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	35	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/27/2024	BOD	n/a	=	6.8	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/30/2024	COD	n/a	=	120	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/11/2024 12:46:00 PM	Hardness as CaCO3	Total	=	76.1	mg/L	SM 2340 B	0.1	0.5	PHYSIS	EST-HT
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/23/2024 8:00:00 AM		MBAS	n/a	=	0.419	mg/L	SM 5540 C	0.02	0.05	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	111	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	90	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	9.31	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	693	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	269	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	185	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.45	mg/L	EPA 8015B	0.051	0.11	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	<	0.051	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.2	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Aluminum	Dissolved	=	13.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Aluminum	Total	=	6990	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Antimony	Dissolved	=	1.04	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	0.663	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	2.66	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Barium	Dissolved	=	14.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	167	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Beryllium	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	0.341	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Cadmium	Dissolved	=	0.024	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	1.22	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Chromium	Dissolved	=	0.452	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM		Total	=	13.6	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.45	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Copper	Dissolved	=	3.63	µg/L	EPA 200.8	0.007	0.022	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Copper	Total	=	25.6	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Iron	Dissolved	=	23.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Iron	Total	=	8660	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Lead	Dissolved	=	0.082	µg/L	EPA 200.8	0.007	0.021	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Lead	Total	=	14.1	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/6/2024 3:30:00 PM		Mercury	Dissolved	=	2.49	ng/L	EPA 1631E	0.04	0.2	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	18.9	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Nickel	Dissolved	=	1.38	µg/L	EPA 200.8	0.013	0.042	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM		Selenium	Dissolved	=	0.303	µg/L	EPA 200.8	0.021	0.068	PHYSIS
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Selenium	Total	=	0.302	µg/L	EPA 200.8	0.021	0.068	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Silver	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Silver	Total	=	0.02	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Thallium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Thallium	Total	=	0.158	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/12/2024 8:11:00 PM	Zinc	Dissolved	=	6.37	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/13/2024 6:18:00 PM	Zinc	Total	=	261	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.254	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.939	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.252	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	1.76	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	4.81	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRDP
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,4-Dinitrophenol	n/a	DNQ	0.152	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRDP, LB-L
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Acenaphthene	n/a	=	0.01	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Acenaphthylene	n/a	=	0.0169	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Anthracene	n/a	=	0.0105	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benz(a)anthracene	n/a	=	0.0134	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benzo(a)pyrene	n/a	=	0.0378	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benzo(b)fluoranthene	n/a	=	0.0248	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0739	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Benzo(k)fluoranthene	n/a	=	0.0269	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.74	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Butyl benzyl phthalate	n/a	=	0.528	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRDP, HB-L
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Chrysene	n/a	=	0.083	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Diethyl phthalate	n/a	=	0.153	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Dimethyl phthalate	n/a	=	0.0951	µg/L	EPA 625.1	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Di-n-butylphthalate	n/a	=	0.354	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Fluoranthene	n/a	=	0.101	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Fluorene	n/a	=	0.0097	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0446	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Naphthalene	n/a	=	0.0795	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Phenanthrene	n/a	=	0.104	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Phenol	n/a	DNQ	0.173	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Pyrene	n/a	=	0.125	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/4/2024 3:56:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/4/2024 3:56:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4,4'-DDE	n/a	=	0.0356	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	alpha-Chlordane	n/a	=	0.0047	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Chlorpyrifos	n/a	=	0.0593	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Diazinon	n/a	=	0.0584	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	gamma-Chlordane	n/a	=	0.0047	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	2/1/2024 3:19:00 PM	Glyphosate	n/a	=	18	µg/L	EPA 547	2.1	5	NCL	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Malathion	n/a	=	0.0933	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Pentachlorophenol	n/a	=	0.176	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/5/2024 11:08:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-MPK	2023/24-3	Wet	1/21/2024 6:40:00 AM	3/7/2024 7:18:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	81640	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	Conductivity	n/a	=	66.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	DO	n/a	=	9.9	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	DO	n/a	=	93.6	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	pH	n/a	=	7.02	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	Specific Conductance	n/a	=	88.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/1/2024 5:00:00 AM	Temperature	n/a	=	12.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 5:00:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	4.6	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.116	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	1	1	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/8/2024	COD	n/a	=	32	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/21/2024 12:09:00 AM	Hardness as CaCO3	Total	=	81.1	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	117	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	88	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	DNQ	0.394	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	352	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	267	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	43.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	DNQ	0.079	mg/L	EPA 8015B	0.064	0.094	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.085	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	UL-MB
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	<	0.064	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Aluminum	Dissolved	=	12.5	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Aluminum	Total	=	8930	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Antimony	Dissolved	=	0.238	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Antimony	Total	=	0.211	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Arsenic	Dissolved	=	2.18	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Arsenic	Total	=	2.45	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Barium	Dissolved	=	16	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Barium	Total	=	160	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Beryllium	Total	=	0.428	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Cadmium	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.007	0.023	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Cadmium	Total	=	0.998	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Chromium	Dissolved	=	0.277	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Chromium	Total	=	18.3	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Copper	Dissolved	=	2.46	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Copper	Total	=	20.4	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Iron	Dissolved	=	14.2	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Iron	Total	=	11100	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Lead	Dissolved	=	0.039	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Lead	Total	=	11	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.74	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	11.3	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Nickel	Dissolved	=	0.645	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Nickel	Total	=	25.2	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Selenium	Dissolved	=	0.332	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Selenium	Total	=	0.298	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Silver	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Silver	Total	=	0.036	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Thallium	Dissolved	=	0.102	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Thallium	Total	=	0.2	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 6:44:00 AM	Zinc	Dissolved	=	2.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/28/2024 8:04:00 AM	Zinc	Total	=	111	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.117	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.459	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.854	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.88	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Acenaphthene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	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-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Acenaphthylene	n/a	DNQ	0.0027	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Anthracene	n/a	=	0.0079	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Benz(a)anthracene	n/a	=	0.0127	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Benzo(a)pyrene	n/a	=	0.0096	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Benzo(b)fluoranthene	n/a	=	0.0119	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0128	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Benzo(k)fluoranthene	n/a	=	0.0113	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.801	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Butyl benzyl phthalate	n/a	=	0.425	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Chrysene	n/a	=	0.0308	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Diethyl phthalate	n/a	=	0.0945	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT, UL-MB
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Dimethyl phthalate	n/a	=	0.057	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Di-n-butylphthalate	n/a	=	0.106	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Fluoranthene	n/a	=	0.0537	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Fluorene	n/a	DNQ	0.0036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Hexachlorobutadiene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.007	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Naphthalene	n/a	=	0.0085	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Phenanthrene	n/a	=	0.0367	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Pyrene	n/a	=	0.0497	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/19/2024 10:41:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/19/2024 10:41:00 AM	2,4-DD	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4,4'-DDE	n/a	=	0.0601	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	4,4'-DDT	n/a	=	0.0127	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	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-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	2/14/2024 5:41:00 PM	Glyphosate	n/a	=	24	µg/L	EPA 547	2.1	5	NCL	
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Pentachlorophenol	n/a	=	0.922	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/20/2024 2:38:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-MPK	2023/24-4	Wet	2/1/2024 2:20:00 PM	3/16/2024 9:35:00 AM	Toxaphene	n/a	=	0.0257	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/19/2024 4:10:00 PM	E. Coli	n/a	=	2247	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/19/2024 4:10:00 PM	Total Coliform	n/a	=	41060	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	10/3/2024 9:54:00 PM	Calcium	Total	=	79.4	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	10/3/2024 9:54:00 PM	Magnesium	Total	=	47.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Conductivity	n/a	=	1313	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Discharge	n/a	<	0.01	cfs	Field Estimate	-88	-88	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	DO	n/a	=	95.2	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	DO	n/a	=	9.82	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	10/3/2024 9:54:00 PM	Hardness as CaCO3	Total	=	393	mg/L	EPA 200.7	0.121	3.31	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	pH	n/a	=	8.58	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Specific Conductance	n/a	=	1667	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Temperature	n/a	=	13.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/26/2024 9:01:00 AM	Total Organic Carbon	n/a	=	35	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/18/2024 8:40:00 AM	Turbidity	n/a	=	3	NTU	Field Meter	-88	0.01	Field Crew	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/30/2024 2:36:00 PM	Copper	Dissolved	=	7.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/30/2024 2:36:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2024-DRY	Dry	9/18/2024 8:40:00 AM	9/30/2024 2:36:00 PM	Zinc	Dissolved	DNQ	2.6	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/16/2023 2:15:00 PM	E. Coli	n/a	=	46110	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/16/2023 2:15:00 PM	Total Coliform	n/a	=	410600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	Conductivity	n/a	=	841	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/29/2023	Cyanide	Total	DNQ	0.0025	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	DO	n/a	=	85.4	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	DO	n/a	=	8.59	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-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	Salinity	n/a	=	520	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	Specific Conductance	n/a	=	1043	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/15/2023 4:00:00 PM	Temperature	n/a	=	14.8	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	14	µg/L	EPA 624.1	14	25	ENTHALPY	
MO-OJA	2023/24-1	Wet	11/15/2023 4:00:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	25	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	Conductivity	n/a	=	143.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	DO	n/a	=	93.8	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	DO	n/a	=	9.28	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	pH	n/a	=	8.02	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	Salinity	n/a	DNQ	80	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	Specific Conductance	n/a	=	174.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:02:00 PM	12/19/2023 3:02:00 PM	Temperature	n/a	=	15.8	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/9/2024 11:13:00 AM	Chloride	n/a	=	9.68	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/9/2024 11:13:00 AM	Fluoride	n/a	=	0.164	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/21/2023	Perchlorate	Total	DNQ	3.1	µg/L	EPA 314.0	1.2	4	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/26/2023 1:00:00 PM	Alkalinity as CaCO3	n/a	=	40	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/26/2023	BOD	n/a	=	27	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/27/2023	COD	n/a	=	230	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/29/2024 6:49:00 PM	Hardness as CaCO3	Total	=	124	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/21/2023 1:45:00 PM	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/4/2024 12:15:00 PM	Specific Conductance	n/a	=	196	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/26/2023 1:00:00 PM	Total Dissolved Solids	n/a	=	156	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/25/2024 6:30:00 PM	Total Organic Carbon	n/a	=	36.2	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/22/2023 8:00:00 AM	Total Suspended Solids	n/a	=	742	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/21/2023 9:45:00 AM	Turbidity	n/a	=	182	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/26/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	144	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/22/2023	TPH as Diesel C10-C28	n/a	=	0.88	mg/L	EPA 8015B	0.046	0.098	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/22/2023	TPH as Gasoline C6-C10	n/a	DNQ	0.086	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	UL-MB
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/22/2023	TPH as Motor Oil C28-C44	n/a	=	0.58	mg/L	EPA 8015B	0.046	0.29	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Aluminum	Dissolved	=	23.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Aluminum	Total	=	1980	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Antimony	Dissolved	=	0.461	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Antimony	Total	=	0.279	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Arsenic	Dissolved	=	1.63	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Arsenic	Total	=	1.89	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Barium	Dissolved	=	24.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Barium	Total	=	77.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Beryllium	Dissolved	=	0.035	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Beryllium	Total	=	0.169	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Cadmium	Dissolved	=	0.023	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Cadmium	Total	=	0.159	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Chromium	Dissolved	=	0.235	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Chromium	Total	=	3.43	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/28/2023	Chromium VI	n/a	DNQ	0.29	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Copper	Dissolved	=	3.48	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Copper	Total	=	15.9	µg/L	EPA 200.8	0.007	0.022	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Iron	Dissolved	=	86.1	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Iron	Total	=	2460	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Lead	Total	=	4.92	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	2/1/2024 1:00:00 PM	Mercury	Dissolved	=	3.69	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	2/1/2024 1:00:00 PM	Mercury	Total	=	6.54	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Nickel	Dissolved	=	1.98	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Nickel	Total	=	7.43	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Selenium	Dissolved	=	0.153	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Selenium	Total	=	0.175	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Silver	Dissolved	=	0.57	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Silver	Total	=	0.406	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:26:00 AM	Zinc	Dissolved	=	5.85	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/19/2024 4:42:00 AM	Zinc	Total	=	96.7	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/3/2024 1:10:00 PM	Ammonia as N	n/a	=	0.107	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/27/2023 2:30:00 PM	Nitrate + Nitrite as N	n/a	=	0.028	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.595	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/5/2023 2:00:00 PM	Phosphorus as P	Total	=	1.26	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/29/2023 9:14:00 AM	TKN	n/a	=	4.37	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	LB-LCSR
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Acenaphthene	n/a	DNQ	0.0038	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Acenaphthylene	n/a	DNQ	0.0036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Anthracene	n/a	=	0.0076	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benz(a)anthracene	n/a	=	0.0207	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benzenidene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benzo(a)pyrene	n/a	=	0.0219	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benzo(b)fluoranthene	n/a	=	0.0276	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0232	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Benzo(k)fluoranthene	n/a	=	0.0272	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.364	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Butyl benzyl phthalate	n/a	=	0.12	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Chrysene	n/a	=	0.047	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.0049	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Diethyl phthalate	n/a	=	0.0905	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Dimethyl phthalate	n/a	=	0.0599	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Di-n-butylphthalate	n/a	=	0.0657	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Di-n-octylphthalate	n/a	=	0.0478	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Fluoranthene	n/a	=	0.0794	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Fluorene	n/a	DNQ	0.003	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Hexachlorocyclopentadiene	n/a	=	2.14	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0151	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Naphthalene	n/a	=	0.0106	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Phenanthrene	n/a	=	0.0554	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LB-LCSR
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Pyrene	n/a	=	0.0818	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/28/2023 11:12:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/28/2023 11:12:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	alpha-Chlordane	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	gamma-Chlordane	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	12/27/2023 8:08:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Pentachlorophenol	n/a	=	2.47	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/17/2024 4:11:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-2	Wet	12/19/2023 3:22:00 PM	1/11/2024 11:02:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	51720	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	Conductivity	n/a	=	405	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	DO	n/a	=	9.2	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	DO	n/a	=	86.1	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	pH	n/a	=	7.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	Salinity	n/a	=	270	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	Specific Conductance	n/a	=	537	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/20/2024 6:40:00 AM	Temperature	n/a	=	12.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/20/2024 6:40:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	15.4	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.153	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	57	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/27/2024	BOD	n/a	=	7.9	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024	COD	n/a	=	180	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/11/2024 12:20:00 PM	Hardness as CaCO3	Total	=	79.9	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.494	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	182	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	142	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	21.7	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	76.9	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	76.9	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	22.7	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.7	mg/L	EPA 8015B	0.051	0.11	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	<	0.051	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.32	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Aluminum	Dissolved	=	28.6	µg/L	EPA 200.8	1.65	8.25	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Aluminum	Total	=	1030	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Antimony	Dissolved	=	0.831	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Antimony	Total	=	0.346	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Arsenic	Dissolved	=	1.37	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Arsenic	Total	=	1.82	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Barium	Dissolved	=	13.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Barium	Total	=	34.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Beryllium	Dissolved	DNQ	0.015	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Beryllium	Total	=	0.059	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Cadmium	Total	=	0.166	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Chromium	Dissolved	=	0.554	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Chromium	Total	=	2.19	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.37	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Copper	Dissolved	=	4.72	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Copper	Total	=	8.91	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Iron	Dissolved	=	38.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Iron	Total	=	1380	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Lead	Dissolved	=	0.352	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Lead	Total	=	2.82	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	4.01	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	10.2	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Nickel	Dissolved	=	1.77	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Nickel	Total	=	4.22	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Selenium	Dissolved	=	0.173	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Selenium	Total	=	0.166	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Silver	Dissolved	DNQ	0.019	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Silver	Total	DNQ	0.015	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Thallium	Dissolved	DNQ	0.025	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Thallium	Total	DNQ	0.033	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/12/2024 7:29:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/13/2024 5:36:00 PM	Zinc	Total	=	67.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.059	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.419	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.0564	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.447	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.62	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRDP
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRDP, LB-L
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Acenaphthylene	n/a	=	0.0061	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Anthracene	n/a	=	0.0096	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benzo(a)anthracene	n/a	=	0.0101	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benzo(a)pyrene	n/a	=	0.0187	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benzo(b)fluoranthene	n/a	=	0.0139	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0398	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Benzo(k)fluoranthene	n/a	=	0.0152	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.979	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Butyl benzyl phthalate	n/a	=	0.153	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSR, HB-L
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Chrysene	n/a	=	0.0378	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Diethyl phthalate	n/a	=	0.127	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Dimethyl phthalate	n/a	=	0.0596	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Di-n-butylphthalate	n/a	=	0.102	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Fluoranthene	n/a	=	0.0453	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Fluorene	n/a	DNQ	0.004	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0318	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Naphthalene	n/a	=	0.024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSR
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Phenanthrene	n/a	=	0.0445	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Phenol	n/a	DNQ	0.177	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Pyrene	n/a	=	0.0609	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/3/2024 10:15:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	2/3/2024 10:15:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	alpha-Chlordane	n/a	=	0.0025	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	gamma-Chlordane	n/a	DNQ	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	1/31/2024 7:58:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Pentachlorophenol	n/a	=	0.3	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/5/2024 10:55:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-3	Wet	1/21/2024 6:55:00 AM	3/7/2024 1:53:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	107600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	Conductivity	n/a	=	63	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	DO	n/a	=	94.9	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	DO	n/a	=	10.1	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	pH	n/a	=	7.2	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	Salinity	n/a	DNQ	40	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	Specific Conductance	n/a	=	82.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/1/2024 4:10:00 AM	Temperature	n/a	=	12.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 4:10:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	6.82	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.103	mg/L	EPA 300.0	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	27	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/8/2024	BOD	n/a	=	3.8	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/8/2024	COD	n/a	=	28	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/20/2024 11:43:00 PM	Hardness as CaCO3	Total	=	53.8	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.167	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	146	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	82	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	0.552	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	186	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	191	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	22.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.12	mg/L	EPA 8015B	0.064	0.095	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.066	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	UL-MB
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.088	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Aluminum	Dissolved	=	33.3	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Aluminum	Total	=	3670	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Antimony	Dissolved	DNQ	0.134	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Antimony	Total	DNQ	0.1	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Arsenic	Total	=	1.16	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Barium	Dissolved	=	15.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Barium	Total	=	92.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Beryllium	Dissolved	DNQ	0.016	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Beryllium	Total	=	0.22	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Cadmium	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Cadmium	Total	=	0.188	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Chromium	Dissolved	=	0.354	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Chromium	Total	=	5.25	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/8/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Copper	Dissolved	=	2.41	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Copper	Total	=	15	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Iron	Dissolved	=	28.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Iron	Total	=	4760	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Lead	Dissolved	=	0.103	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Lead	Total	=	7.57	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.26	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	10	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Nickel	Dissolved	=	0.406	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Nickel	Total	=	8.79	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Selenium	Dissolved	=	0.188	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Selenium	Total	=	0.152	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Silver	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Silver	Total	=	0.027	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Thallium	Dissolved	=	0.081	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Thallium	Total	=	0.103	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 6:02:00 AM	Zinc	Dissolved	=	3.97	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/28/2024 7:21:00 AM	Zinc	Total	=	70.1	µg/L	EPA 200.8	0.022	0.069	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.039	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.486	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.173	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.452	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.51	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Acenaphthylene	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Anthracene	n/a	DNQ	0.0039	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benz(a)anthracene	n/a	=	0.0091	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benzo(a)pyrene	n/a	=	0.0096	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benzo(b)fluoranthene	n/a	=	0.021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0155	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Benzo(k)fluoranthene	n/a	=	0.0122	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.03	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Butyl benzyl phthalate	n/a	=	0.284	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Chrysene	n/a	=	0.0238	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Diethyl phthalate	n/a	=	0.0874	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Dimethyl phthalate	n/a	=	0.0414	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Di-n-butylphthalate	n/a	=	0.18	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Fluoranthene	n/a	=	0.0308	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Fluorene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Naphthalene	n/a	=	0.0066	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Phenanthrene	n/a	=	0.0182	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Pyrene	n/a	=	0.0306	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/19/2024 4:57:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/19/2024 4:57:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4,4'-DDE	n/a	=	0.0269	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	4,4'-DDT	n/a	=	0.0085	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	alpha-Chlordane	n/a	=	0.0023	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	gamma-Chlordane	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	2/14/2024 4:45:00 AM	Glyphosate	n/a	=	7	µg/L	EPA 547	2.1	5	NCL	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Pentachlorophenol	n/a	=	0.378	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/19/2024 12:37:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-4	Wet	2/1/2024 2:10:00 PM	3/16/2024 2:33:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/22/2024 2:00:00 PM	E. Coli	n/a	=	1723	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/22/2024 2:00:00 PM	Total Coliform	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	Conductivity	n/a	=	1456	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/28/2024 8:09:00 PM	Cyanide	Total	<	0.0023	mg/L	EPA 335.4	0.0023	0.005	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	DO	n/a	=	13.79	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	DO	n/a	=	135.5	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	pH	n/a	=	8.42	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	Salinity	n/a	=	930	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	Specific Conductance	n/a	=	1822	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/21/2024 8:00:00 AM	Temperature	n/a	=	14.5	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/24/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:00:00 AM	5/24/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/25/2024 5:57:00 AM	Chloride	n/a	=	270	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/25/2024 5:57:00 AM	Fluoride	n/a	=	0.588	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/3/2024 2:43:00 PM	Perchlorate	Total	DNQ	1.5	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/24/2024 10:30:00 AM	Alkalinity as CaCO3	n/a	=	411	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/27/2024 9:10:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/23/2024 12:00:00 PM	COD	n/a	=	5	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/10/2024 6:12:00 PM	Hardness as CaCO3	Total	=	742	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/22/2024 1:30:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	2050	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/29/2024 9:30:00 AM	Total Dissolved Solids	n/a	=	1560	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	2.11	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/23/2024 6:00:00 AM	Total Suspended Solids	n/a	=	4.02	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/22/2024 9:30:00 AM	Turbidity	n/a	=	0.97	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/23/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	2.16	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 7:07:00 AM	TPH as Diesel C10-C28	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.048	Eurofins_Tustin	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 7:07:00 AM	TPH as Gasoline C6-C10	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.048	Eurofins_Tustin	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 7:07:00 AM	TPH as Motor Oil C28-C44	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.048	Eurofins_Tustin	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Aluminum	Dissolved	DNQ	8.08	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Aluminum	Total	=	11.4	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Antimony	Dissolved	=	0.538	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Antimony	Total	=	0.306	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Arsenic	Dissolved	=	1.64	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Arsenic	Total	=	1.37	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Barium	Dissolved	=	55.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Barium	Total	=	60.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Cadmium	Dissolved	=	0.499	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Cadmium	Total	=	0.467	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Chromium	Dissolved	=	0.193	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Chromium	Total	=	0.215	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/4/2024 12:11:00 AM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Copper	Dissolved	=	2.87	µg/L	EPA 200.8	0.007	0.022	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Copper	Total	=	4.09	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Iron	Dissolved	DNQ	2.12	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Iron	Total	=	8.18	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Lead	Dissolved	=	0.022	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Lead	Total	=	0.072	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	2.62	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	3.79	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Nickel	Dissolved	=	1.37	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Nickel	Total	=	1.53	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Selenium	Dissolved	=	3.62	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Selenium	Total	=	3.46	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Silver	Dissolved	DNQ	0.018	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Thallium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:09:00 PM	Zinc	Dissolved	=	29.1	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/7/2024 11:35:00 PM	Zinc	Total	=	33.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.008	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	3.59	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.0511	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/30/2024 1:00:00 PM	Phosphorus as P	Total	=	0.0628	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	DNQ	0.312	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benzo(a)pyrene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.07	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Butyl benzyl phthalate	n/a	=	0.215	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Diethyl phthalate	n/a	=	0.0822	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Dimethyl phthalate	n/a	DNQ	0.0103	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Di-n-butylphthalate	n/a	=	0.0941	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	B-LCSR, PMQC
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Naphthalene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/4/2024 5:36:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/4/2024 5:36:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	5/29/2024 1:01:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Pentachlorophenol	n/a	DNQ	0.0578	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/16/2024 1:04:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OJA	2023/24-6	Dry	5/21/2024 8:20:00 AM	6/19/2024 4:06:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/18/2024 4:31:00 PM	E. Coli	n/a	=	173	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/18/2024 4:31:00 PM	Total Coliform	n/a	=	2481	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	10/3/2024 9:57:00 PM	Calcium	Total	=	196	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	10/3/2024 9:57:00 PM	Magnesium	Total	=	64.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Conductivity	n/a	=	1357	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Discharge	n/a	=	0.04	cfs	Field Estimate	-88	-88	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	DO	n/a	=	138	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	DO	n/a	=	11.8	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	10/3/2024 9:57:00 PM	Hardness as CaCO3	Total	=	755	mg/L	EPA 200.7	0.121	3.31	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	pH	n/a	=	7.87	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Specific Conductance	n/a	=	1412	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Temperature	n/a	=	22.9	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/26/2024 2:56:00 AM	Total Organic Carbon	n/a	=	2.3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/17/2024 11:50:00 AM	Turbidity	n/a	=	1.9	NTU	Field Meter	-88	0.01	Field Crew	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/30/2024 2:39:00 PM	Copper	Dissolved	=	7.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/30/2024 2:39:00 PM	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2024-DRY	Dry	9/17/2024 11:50:00 AM	9/30/2024 2:39:00 PM	Zinc	Dissolved	DNQ	6.6	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/16/2023 1:55:00 PM	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/16/2023 1:55:00 PM	Total Coliform	n/a	=	1119900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	Conductivity	n/a	=	188.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/29/2023	Cyanide	Total	DNQ	0.0019	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	DO	n/a	=	8.1	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	DO	n/a	=	83.2	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	pH	n/a	=	7.26	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	Specific Conductance	n/a	=	226.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/15/2023 3:55:00 PM	Temperature	n/a	=	16.6	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	=	3.56	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	7.6	µg/L	EPA 624.1	7.6	25	ENTHALPY	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 3:55:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	1.6	µg/L	EPA 624.1	1.6	25	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/17/2023 9:09:00 PM	Chloride	n/a	=	31.2	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	1.02	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/4/2023	Perchlorate	Total	<	2.4	µg/L	EPA 314.0	2.4	8	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	50	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/22/2023	BOD	n/a	=	38	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/24/2023	COD	n/a	=	480	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/28/2023 5:33:00 PM	Hardness as CaCO3	Total	=	99.4	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/17/2023 2:30:00 PM	MBAS	n/a	=	3.95	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	292	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	310	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	10.5	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	242	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	158	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	93.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/22/2023	TPH as Diesel C10-C28	n/a	=	3.7	mg/L	EPA 8015B	0.91	2	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/22/2023	TPH as Gasoline C6-C10	n/a	<	0.91	mg/L	EPA 8015B	0.91	5.9	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/22/2023	TPH as Motor Oil C28-C44	n/a	DNQ	1.3	mg/L	EPA 8015B	0.91	5.9	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Aluminum	Dissolved	=	130	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Aluminum	Total	=	3300	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Antimony	Dissolved	=	2.6	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Antimony	Total	=	1.96	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Arsenic	Dissolved	=	2.21	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Arsenic	Total	=	3.31	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Barium	Dissolved	=	45	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Barium	Total	=	121	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Beryllium	Dissolved	DNQ	0.028	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Beryllium	Total	=	0.215	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Cadmium	Dissolved	=	0.071	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Cadmium	Total	=	0.72	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Chromium	Dissolved	=	2.05	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Chromium	Total	=	7.62	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/28/2023	Chromium VI	n/a	DNQ	0.35	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Copper	Dissolved	=	3.66	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Copper	Total	=	63.2	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Iron	Dissolved	=	1160	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Iron	Total	=	5000	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Lead	Dissolved	=	1.55	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Lead	Total	=	40.2	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	4.26	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	1/5/2024 10:00:00 AM	Mercury	Total	=	48.9	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Nickel	Dissolved	=	14.3	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Nickel	Total	=	21.4	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Selenium	Dissolved	=	0.724	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Selenium	Total	=	0.594	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Silver	Dissolved	=	0.202	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Silver	Total	=	0.19	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 2:23:09 PM	Zinc	Dissolved	=	262	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/26/2023 3:31:45 PM	Zinc	Total	=	697	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	2.36	mg/L	SM 4500-NH3 F	0.007	0.03	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.069	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.625	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	1.63	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/28/2023 9:46:00 AM	TKN	n/a	=	11.6	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Acenaphthene	n/a	DNQ	0.0043	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Acenaphthylene	n/a	=	0.0115	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Anthracene	n/a	=	0.0082	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benz(a)anthracene	n/a	=	0.0257	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benzo(a)pyrene	n/a	=	0.0567	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benzo(b)fluoranthene	n/a	=	0.069	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0991	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Benzo(k)fluoranthene	n/a	=	0.0592	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	1.1	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Butyl benzyl phthalate	n/a	=	0.225	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Chrysene	n/a	=	0.0734	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Dibenz(a,h)anthracene	n/a	=	0.0141	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Diethyl phthalate	n/a	=	0.311	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Dimethyl phthalate	n/a	=	0.275	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Di-n-butylphthalate	n/a	=	0.181	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Fluoranthene	n/a	=	0.126	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Fluorene	n/a	=	0.0108	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0687	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Naphthalene	n/a	=	0.0489	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Phenanthrene	n/a	=	0.0854	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Phenol	n/a	=	0.204	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Pyrene	n/a	=	0.205	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/28/2023 2:42:20 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	11/28/2023 2:42:20 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	alpha-Chlordane	n/a	=	0.0039	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	gamma-Chlordane	n/a	=	0.0038	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/5/2023 3:46:52 PM	Glyphosate	n/a	=	320	µg/L	EPA 547	10	25	NCL	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Malathion	n/a	=	0.0293	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS				
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS				
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/23/2023 6:51:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS				
MO-OXN	2023/24-1	Wet	11/15/2023 4:15:00 PM	12/15/2023 8:03:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	VCHCA				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	648800	MPN/100 mL	MMO-MUG	1000	1000	VCHCA				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	Conductivity	n/a	=	102.1	µmhos/cm	Field Meter	-88	1	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	DO	n/a	=	92.5	%	Field Meter	-88	0.1	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	DO	n/a	=	9.55	mg/L	Field Meter	-88	0.3	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	pH	n/a	=	6.95	pH Units	Field Meter	-88	0.01	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	Specific Conductance	n/a	=	130.5	µmhos/cm	Field Meter	-88	1	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/20/2024 5:10:00 AM	Temperature	n/a	=	14.1	°C	Field Meter	-88	0.1	Field Crew				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	=	2.6	mg/L	EPA 1664B	1	1	PHYSIS				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/20/2024 5:10:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	8.47	mg/L	EPA 300.0	0.01	0.05	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.23	mg/L	EPA 300.0	0.01	0.05	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/2/2024	Perchlorate	Total	=	9.1	µg/L	EPA 314.0	0.88	8	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	36	mg/L	SM 2320 B	1	1	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/27/2024	BOD	n/a	=	23	mg/L	SM 5210 B	3	3	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024	COD	n/a	=	110	mg/L	SM 5220 D	1.6	4	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/11/2024 12:33:00 PM	Hardness as CaCO3	Total	=	40.2	mg/L	SM 2340 B	0.1	0.5	PHYSIS	EST-HT			
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.962	mg/L	SM 5540 C	0.02	0.05	PHYSIS		EST-HT		
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	106	µmhos/cm	SM 2510 B	1	1	PHYSIS			EST-HT	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	110	mg/L	SM 2540 C	6.3	10	PHYSIS				EST-HT
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	22.5	mg/L	SM 5310 B	0.2	0.44	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	23	mg/L	SM 2540 D	0.5	0.5	PHYSIS	EST-HT			
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	29	NTU	EPA 180.1	0.02	0.02	PHYSIS		EST-HT		
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	8.41	mg/L	SM 2540 E	0.1	0.5	PHYSIS			EST-HT	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.64	mg/L	EPA 8015B	0.049	0.11	ENTHALPY				UL-MB
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.059	mg/L	EPA 8015B	0.049	0.32	ENTHALPY				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.18	mg/L	EPA 8015B	0.049	0.32	ENTHALPY	UL-MB			
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Aluminum	Dissolved	=	19.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS		UL-MB		
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Aluminum	Total	=	583	µg/L	EPA 200.8	1.65	8.25	PHYSIS			UL-MB	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Antimony	Dissolved	=	1.22	µg/L	EPA 200.8	0.03	0.15	PHYSIS				UL-MB
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Antimony	Total	=	1.17	µg/L	EPA 200.8	0.03	0.15	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Arsenic	Dissolved	=	0.878	µg/L	EPA 200.8	0.05	0.159	PHYSIS	UL-MB			
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Arsenic	Total	=	1.18	µg/L	EPA 200.8	0.05	0.159	PHYSIS		UL-MB		
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Barium	Dissolved	=	12.4	µg/L	EPA 200.8	0.25	0.5	PHYSIS			UL-MB	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Barium	Total	=	28.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS				UL-MB
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Beryllium	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.031	PHYSIS				
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Beryllium	Total	=	0.037	µg/L	EPA 200.8	0.01	0.031	PHYSIS	UL-MB			
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS		UL-MB		
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Cadmium	Total	=	0.151	µg/L	EPA 200.8	0.007	0.023	PHYSIS			UL-MB	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Chromium	Dissolved	=	0.817	µg/L	EPA 200.8	0.01	0.05	PHYSIS				UL-MB
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Chromium	Total	=	1.97	µg/L	EPA 200.8	0.01	0.05	PHYSIS				

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.52	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Copper	Dissolved	=	8.61	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Copper	Total	=	14.5	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Iron	Dissolved	=	66.9	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Iron	Total	=	786	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Lead	Dissolved	=	0.388	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Lead	Total	=	3.46	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.31	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	9.52	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Nickel	Dissolved	=	3.43	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Nickel	Total	=	4.64	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Selenium	Dissolved	=	0.479	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Selenium	Total	=	0.322	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Silver	Dissolved	DNQ	0.015	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Silver	Total	DNQ	0.019	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/12/2024 7:50:00 PM	Zinc	Dissolved	=	49.8	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/13/2024 5:57:00 PM	Zinc	Total	=	106	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.708	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.807	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.34	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.451	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	3.01	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,4-Dinitrophenol	n/a	=	0.469	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Acenaphthene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Acenaphthylene	n/a	DNQ	0.0043	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Anthracene	n/a	DNQ	0.0048	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benz(a)anthracene	n/a	DNQ	0.0022	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benzo(a)pyrene	n/a	=	0.0269	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benzo(b)fluoranthene	n/a	=	0.009	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0208	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.24	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Butyl benzyl phthalate	n/a	=	0.337	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Chrysene	n/a	=	0.013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Diethyl phthalate	n/a	=	0.335	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Dimethyl phthalate	n/a	=	0.239	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Di-n-butylphthalate	n/a	=	0.48	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Fluoranthene	n/a	=	0.0219	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Fluorene	n/a	DNQ	0.0048	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Naphthalene	n/a	=	0.0239	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Phenanthrene	n/a	=	0.0201	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Phenol	n/a	=	0.202	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Pyrene	n/a	=	0.0323	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/4/2024 12:19:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/4/2024 12:19:00 AM	2,4-D	n/a	DNQ	0.55	µg/L	EPA 615	0.47	1	NCL	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4,4'-DDE	n/a	=	0.0072	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	alpha-Chlordane	n/a	=	0.0025	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	gamma-Chlordane	n/a	=	0.0021	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	2/1/2024 12:46:00 PM	Glyphosate	n/a	=	17	µg/L	EPA 547	2.1	5	NCL	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Pentachlorophenol	n/a	DNQ	0.0883	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/5/2024 5:54:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-3	Wet	1/21/2024 6:35:00 AM	3/7/2024 4:59:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	4106	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	Conductivity	n/a	=	23.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	DO	n/a	=	10.09	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	DO	n/a	=	97.8	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	pH	n/a	*	5.57	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	Salinity	n/a	DNQ	10	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	Specific Conductance	n/a	=	29.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/1/2024 3:50:00 AM	Temperature	n/a	=	14	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 3:50:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	1.61	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.102	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/12/2024	Perchlorate	Total	<	0.73	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	1	1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/8/2024	BOD	n/a	=	4.1	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/8/2024	COD	n/a	=	28	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/20/2024 11:56:00 PM	Hardness as CaCO3	Total	=	16.9	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.168	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	37.1	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	28	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	4.15	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	52.5	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	25.3	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	11.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.19	mg/L	EPA 8015B	0.069	0.1	ENTHALPY	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	<	0.069	mg/L	EPA 8015B	0.069	0.3	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.13	mg/L	EPA 8015B	0.069	0.3	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Aluminum	Dissolved	DNQ	6.36	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Aluminum	Total	=	890	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Antimony	Dissolved	=	0.264	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Antimony	Total	=	0.551	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Arsenic	Dissolved	=	0.506	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Arsenic	Total	=	0.941	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Barium	Dissolved	=	5.05	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Barium	Total	=	22.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Beryllium	Total	=	0.044	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Cadmium	Dissolved	=	0.068	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Cadmium	Total	=	0.169	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Chromium	Dissolved	=	0.3	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Chromium	Total	=	1.84	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Copper	Dissolved	=	2.47	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Copper	Total	=	8.47	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Iron	Dissolved	=	11.1	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Iron	Total	=	1280	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Lead	Dissolved	=	0.167	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Lead	Total	=	5.51	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.59	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	8.14	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Nickel	Dissolved	=	0.405	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Nickel	Total	=	2.43	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Selenium	Dissolved	=	0.103	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Selenium	Total	=	0.091	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Silver	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Silver	Total	DNQ	0.016	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Thallium	Dissolved	=	0.063	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Thallium	Total	=	0.062	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 6:23:00 AM	Zinc	Dissolved	=	15	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/28/2024 7:43:00 AM	Zinc	Total	=	70.7	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.235	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.246	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.416	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.414	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.53	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Acenaphthene	n/a	DNQ	0.0011	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Acenaphthylene	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Anthracene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benz(a)anthracene	n/a	=	0.0081	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benzo(a)pyrene	n/a	=	0.0091	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benzo(b)fluoranthene	n/a	=	0.019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0243	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Benzo(k)fluoranthene	n/a	=	0.0109	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.24	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Butyl benzyl phthalate	n/a	=	0.377	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Chrysene	n/a	=	0.0248	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Diethyl phthalate	n/a	=	0.117	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Dimethyl phthalate	n/a	=	0.044	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Di-n-butylphthalate	n/a	=	0.177	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Fluoranthene	n/a	=	0.0284	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Fluorene	n/a	DNQ	0.002	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0135	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Naphthalene	n/a	=	0.0219	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Phenanthrene	n/a	=	0.0169	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Pyrene	n/a	=	0.0394	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/19/2024 8:36:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/19/2024 8:36:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4,4'-DDE	n/a	=	0.0096	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	gamma-Chlordane	n/a	DNQ	0.0009	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	2/14/2024 3:08:00 PM	Glyphosate	n/a	=	6.5	µg/L	EPA 547	2.1	5	NCL	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Malathion	n/a	=	0.0103	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Pentachlorophenol	n/a	=	0.178	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/19/2024 7:37:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-OXN	2023/24-4	Wet	2/1/2024 1:35:00 PM	3/16/2024 6:28:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/18/2024 3:27:00 PM	E. Coli	n/a	=	1106	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/18/2024 3:27:00 PM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	10/3/2024 10:14:00 PM	Calcium	Total	=	142	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	10/3/2024 10:14:00 PM	Magnesium	Total	=	55.3	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Conductivity	n/a	=	1290	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Discharge	n/a	=	0.09	cfs	Field Estimate	-88	-88	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	DO	n/a	=	100	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	DO	n/a	=	9.55	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	10/3/2024 10:14:00 PM	Hardness as CaCO3	Total	=	582	mg/L	EPA 200.7	0.121	3.31	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	pH	n/a	=	8.39	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Salinity	n/a	=	800	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-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Specific Conductance	n/a	=	1517	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Temperature	n/a	=	17.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/25/2024 2:17:00 PM	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/17/2024 8:30:00 AM	Turbidity	n/a	=	4.6	NTU	Field Meter	-88	0.01	Field Crew	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/30/2024 2:41:00 PM	Copper	Dissolved	=	7.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/30/2024 2:41:00 PM	Lead	Dissolved	=	1.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2024-DRY	Dry	9/17/2024 8:30:00 AM	9/30/2024 2:41:00 PM	Zinc	Dissolved	=	14	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/16/2023 4:35:00 PM	E. Coli	n/a	=	5172	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/16/2023 4:35:00 PM	Total Coliform	n/a	=	260300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	Conductivity	n/a	=	1026	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/29/2023	Cyanide	Total	DNQ	0.0047	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	DO	n/a	=	84.1	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	DO	n/a	=	8.2	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	pH	n/a	=	7.6	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	Specific Conductance	n/a	=	1226	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/15/2023 6:45:00 PM	Temperature	n/a	=	16.4	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-SIM	2023/24-1	Wet	11/15/2023 6:45:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5	ENTHALPY	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	89.6	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	1.06	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	185	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/28/2023 5:42:52 PM	Hardness as CaCO3	Total	=	778	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	1500	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	1250	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	77.2	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	594	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	422	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	348	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Aluminum	Dissolved	DNQ	7.43	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Aluminum	Total	=	6110	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Antimony	Dissolved	=	1.85	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Antimony	Total	=	1.12	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Arsenic	Total	=	25.3	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Barium	Dissolved	=	17.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Barium	Total	=	155	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Beryllium	Total	=	0.538	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Cadmium	Dissolved	=	0.183	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Cadmium	Total	=	5.84	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Chromium	Dissolved	=	1.34	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Chromium	Total	=	20.6	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/28/2023	Chromium VI	n/a	DNQ	0.41	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Copper	Dissolved	=	7.25	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Copper	Total	=	62.5	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Iron	Dissolved	=	52.3	µg/L	EPA 200.8	1.13	5.65	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Iron	Total	=	22800	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Lead	Total	=	17.3	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	5.03	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	43.9	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Nickel	Dissolved	=	10.8	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Nickel	Total	=	48.5	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Selenium	Dissolved	=	6	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Selenium	Total	=	6.07	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Silver	Dissolved	=	0.192	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Silver	Total	=	0.179	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 2:38:57 PM	Zinc	Dissolved	=	24.8	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/26/2023 3:47:33 PM	Zinc	Total	=	416	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	2.41	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	3.25	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.043	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	2.55	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	14.5	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Acenaphthene	n/a	=	0.0229	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Acenaphthylene	n/a	=	0.0127	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Anthracene	n/a	=	0.0263	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benz(a)anthracene	n/a	=	0.221	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benzo(a)pyrene	n/a	=	0.273	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benzo(b)fluoranthene	n/a	=	0.222	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benzo(g,h,i)perylene	n/a	=	0.189	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Benzo(k)fluoranthene	n/a	=	0.26	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.87	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Butyl benzyl phthalate	n/a	=	0.287	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Chrysene	n/a	=	0.263	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Dibenz(a,h)anthracene	n/a	=	0.0535	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Diethyl phthalate	n/a	=	0.41	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Dimethyl phthalate	n/a	=	0.502	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Di-n-butylphthalate	n/a	=	0.0881	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Fluoranthene	n/a	=	0.421	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Fluorene	n/a	=	0.0154	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.235	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Naphthalene	n/a	=	0.0538	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Phenanthrene	n/a	=	0.152	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Phenol	n/a	=	0.234	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Pyrene	n/a	=	0.492	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4,4'-DDE	n/a	=	0.025	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	alpha-Chlordane	n/a	=	0.0119	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	gamma-Chlordane	n/a	=	0.0068	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	11/28/2023 12:12:42 AM	Glyphosate	n/a	=	16	µg/L	EPA 547	2.1	5	NCL	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Pentachlorophenol	n/a	=	0.134	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/23/2023 12:06:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-1	Wet	11/16/2023 8:28:00 AM	12/15/2023 10:21:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	487	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	Conductivity	n/a	=	2418	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	DO	n/a	=	85.3	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	DO	n/a	=	8.2	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	pH	n/a	=	8.07	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	Specific Conductance	n/a	=	2861	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/20/2024 6:50:00 AM	Temperature	n/a	=	16.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/20/2024 6:50:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	46.7	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.28	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/8/2024	Perchlorate	Total	DNQ	0.75	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	103	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/27/2024	BOD	n/a	=	10	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/30/2024	COD	n/a	=	83	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/11/2024 12:43:00 PM	Hardness as CaCO3	Total	=	428	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.366	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	637	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	424	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	56.2	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	106	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	14.7	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.5	mg/L	EPA 8015B	0.051	0.11	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.067	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	UL-MB
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.14	mg/L	EPA 8015B	0.051	0.33	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Aluminum	Dissolved	DNQ	6.43	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Aluminum	Total	=	1180	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Antimony	Dissolved	=	0.882	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Antimony	Total	=	1.58	µg/L	EPA 200.8	0.03	0.15	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Arsenic	Dissolved	=	1.42	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Arsenic	Total	=	5.07	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Barium	Dissolved	=	10.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Barium	Total	=	48.1	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Beryllium	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Beryllium	Total	=	0.081	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Cadmium	Dissolved	=	0.036	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Cadmium	Total	=	1.13	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Chromium	Dissolved	=	0.929	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Chromium	Total	=	4.65	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.82	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Copper	Dissolved	=	4.07	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Copper	Total	=	21.7	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Iron	Dissolved	=	44.3	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Iron	Total	=	4400	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Lead	Dissolved	=	0.116	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Lead	Total	=	5.13	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.73	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	81.5	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Nickel	Dissolved	=	2.21	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Nickel	Total	=	8.08	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Selenium	Dissolved	=	6.63	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Selenium	Total	=	7.09	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Silver	Dissolved	DNQ	0.012	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Thallium	Total	DNQ	0.012	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/12/2024 8:06:00 PM	Zinc	Dissolved	=	13.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/13/2024 6:13:00 PM	Zinc	Total	=	113	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.896	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	2.33	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.122	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.8	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	2.42	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,4-Dinitrophenol	n/a	=	0.708	µg/L	EPA 625.1	0.1	0.2	PHYSIS	-LCSRPD, LB-L
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Acenaphthylene	n/a	DNQ	0.003	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Anthracene	n/a	DNQ	0.0043	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benz(a)anthracene	n/a	=	0.0071	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benzo(a)pyrene	n/a	=	0.0195	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benzo(b)fluoranthene	n/a	=	0.0084	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0146	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Benzo(k)fluoranthene	n/a	=	0.0087	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.05	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Butyl benzyl phthalate	n/a	=	0.237	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Chrysene	n/a	=	0.0102	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Diethyl phthalate	n/a	=	0.281	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Dimethyl phthalate	n/a	=	0.831	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Di-n-butylphthalate	n/a	=	0.311	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Fluoranthene	n/a	=	0.0202	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Fluorene	n/a	DNQ	0.0045	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0074	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Naphthalene	n/a	=	0.035	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Phenanthrene	n/a	=	0.0168	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Phenol	n/a	DNQ	0.169	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Pyrene	n/a	=	0.0268	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/4/2024 3:25:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/4/2024 3:25:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	alpha-Chlordane	n/a	DNQ	0.0012	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Chlorpyrifos	n/a	=	0.0285	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LCSRPD, LB-L
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	gamma-Chlordane	n/a	DNQ	0.0008	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	2/1/2024 2:58:00 PM	Glyphosate	n/a	=	20	µg/L	EPA 547	2.1	5	NCL	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Pentachlorophenol	n/a	=	0.12	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/5/2024 9:23:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-3	Wet	1/21/2024 7:10:00 AM	3/7/2024 6:32:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	Conductivity	n/a	=	91.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	DO	n/a	=	10.28	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	DO	n/a	=	93.5	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	pH	n/a	=	6.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	Specific Conductance	n/a	=	127	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/1/2024 5:45:00 AM	Temperature	n/a	=	11.1	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-SIM	2023/24-4	Wet	2/1/2024 5:45:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	11.7	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.126	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	39	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/8/2024	COD	n/a	=	24	mg/L	SM 5220 D	1.6	4	ENTHALPY		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/21/2024 12:06:00 AM	Hardness as CaCO3	Total	=	89.9	mg/L	SM 2340 B	0.1	0.5	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	DNQ	0.0449	mg/L	SM 5540 C	0.02	0.05	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	192	µmhos/cm	SM 2510 B	1	1	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	6.3	10	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	4.46	mg/L	SM 5310 B	0.2	0.44	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	183	mg/L	SM 2540 D	0.5	0.5	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	89	NTU	EPA 180.1	0.02	0.02	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	24.2	mg/L	SM 2540 E	0.1	0.5	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	DNQ	0.087	mg/L	EPA 8015B	0.066	0.098	ENTHALPY	UL-MB	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.068	mg/L	EPA 8015B	0.066	0.29	ENTHALPY		ghost
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.066	mg/L	EPA 8015B	0.066	0.29	ENTHALPY		ghost
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Aluminum	Dissolved	=	11.2	µg/L	EPA 200.8	1.65	8.25	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Aluminum	Total	=	2910	µg/L	EPA 200.8	1.65	8.25	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Antimony	Dissolved	=	0.313	µg/L	EPA 200.8	0.03	0.15	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Antimony	Total	=	0.387	µg/L	EPA 200.8	0.03	0.15	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Arsenic	Dissolved	=	0.877	µg/L	EPA 200.8	0.05	0.159	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Arsenic	Total	=	1.53	µg/L	EPA 200.8	0.05	0.159	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Barium	Dissolved	=	9.22	µg/L	EPA 200.8	0.25	0.5	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Barium	Total	=	44.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Beryllium	Total	=	0.138	µg/L	EPA 200.8	0.01	0.031	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Cadmium	Dissolved	=	0.029	µg/L	EPA 200.8	0.007	0.023	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Cadmium	Total	=	0.277	µg/L	EPA 200.8	0.007	0.023	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Chromium	Dissolved	=	0.459	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Chromium	Total	=	5.53	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/9/2024	Chromium VI	n/a	DNQ	0.36	µg/L	EPA 218.6	0.25	1	ENTHALPY		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Copper	Dissolved	=	1.78	µg/L	EPA 200.8	0.007	0.022	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Copper	Total	=	9.53	µg/L	EPA 200.8	0.007	0.022	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Iron	Dissolved	=	17.4	µg/L	EPA 200.8	1.13	5.65	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Iron	Total	=	4120	µg/L	EPA 200.8	1.13	5.65	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Lead	Dissolved	=	0.047	µg/L	EPA 200.8	0.007	0.021	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Lead	Total	=	4.68	µg/L	EPA 200.8	0.007	0.021	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.19	ng/L	EPA 1631E	0.04	0.2	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	13.1	ng/L	EPA 1631E	0.04	0.2	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Nickel	Dissolved	=	0.379	µg/L	EPA 200.8	0.013	0.042	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Nickel	Total	=	5.2	µg/L	EPA 200.8	0.013	0.042	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Selenium	Dissolved	=	0.735	µg/L	EPA 200.8	0.021	0.068	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Selenium	Total	=	0.827	µg/L	EPA 200.8	0.021	0.068	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Silver	Dissolved	DNQ	0.011	µg/L	EPA 200.8	0.01	0.02	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Silver	Total	DNQ	0.018	µg/L	EPA 200.8	0.01	0.02	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Thallium	Dissolved	=	0.094	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Thallium	Total	=	0.095	µg/L	EPA 200.8	0.01	0.05	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 6:39:00 AM	Zinc	Dissolved	=	4.31	µg/L	EPA 200.8	0.022	0.069	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/28/2024 7:59:00 AM	Zinc	Total	=	63.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.127	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	EST-LCSRPD	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.579	mg/L	SM 4500-NO3 F	0.01	0.02	PHYSIS		
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.286	mg/L	SM 4500-P E	0.016	0.03	PHYSIS		

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.341	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	49.2	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Acenaphthylene	n/a	DNQ	0.0022	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Anthracene	n/a	DNQ	0.0031	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benz(a)anthracene	n/a	=	0.006	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benzo(a)pyrene	n/a	=	0.007	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benzo(b)fluoranthene	n/a	=	0.0126	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0121	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Benzo(k)fluoranthene	n/a	=	0.0114	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.963	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Butyl benzyl phthalate	n/a	=	0.45	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Chrysene	n/a	=	0.0147	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Diethyl phthalate	n/a	=	0.0706	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT, UL-MB
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Dimethyl phthalate	n/a	=	0.0802	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Di-n-butylphthalate	n/a	=	0.247	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Fluoranthene	n/a	=	0.0315	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Fluorene	n/a	DNQ	0.0021	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0092	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Isophorone	n/a	DNQ	0.0552	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Naphthalene	n/a	=	0.0117	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Phenanthrene	n/a	=	0.0207	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Pyrene	n/a	=	0.0368	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/19/2024 10:10:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/19/2024 10:10:00 AM	2,4-D	n/a	DNQ	0.7	µg/L	EPA 615	0.47	1	NCL	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4,4'-DDE	n/a	=	0.0084	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	4,4'-DDT	n/a	=	0.0073	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	alpha-Chlordane	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	gamma-Chlordane	n/a	=	0.0023	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	2/14/2024 5:19:00 PM	Glyphosate	n/a	=	5.5	µg/L	EPA 547	2.1	5	NCL	
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Pentachlorophenol	n/a	=	0.434	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/20/2024 12:53:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-SIM	2023/24-4	Wet	2/1/2024 3:00:00 PM	3/16/2024 8:48:00 AM	Toxaphene	n/a	=	0.0295	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	EST-HT
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/15/2024 4:33:00 PM	E. Coli	n/a	=	697	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	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/15/2024 4:33:00 PM	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	Conductivity	n/a	=	2916	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/20/2024 9:04:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	DO	n/a	=	10.9	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	DO	n/a	=	118.8	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	pH	n/a	=	8.19	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	Salinity	n/a	=	1700	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	Specific Conductance	n/a	=	3261	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/14/2024 9:00:00 AM	Temperature	n/a	=	19.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/17/2024	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:00:00 AM	5/17/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/15/2024 2:57:00 PM	Chloride	n/a	=	236	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/14/2024 2:57:00 PM	Fluoride	n/a	=	0.631	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/30/2024 7:16:00 AM	Perchlorate	Total	<	0.73	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/21/2024 1:30:00 PM	Alkalinity as CaCO3	n/a	=	273	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/20/2024 11:00:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/18/2024 3:00:00 PM	COD	n/a	=	9	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 3:13:00 PM	Hardness as CaCO3	Total	=	1460	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/15/2024 1:00:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	3070	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	2820	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/11/2024 8:00:00 AM	Total Organic Carbon	n/a	=	2.37	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	2.35	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/16/2024 7:30:00 AM	Turbidity	n/a	=	0.63	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	0.85	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/22/2024 9:47:00 PM	TPH as Diesel C10-C28	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.048	Eurofins_Tustin	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/22/2024 10:33:00 PM	TPH as Gasoline C6-C10	n/a	<	0.035	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/22/2024 9:47:00 PM	TPH as Motor Oil C28-C44	n/a	<	0.034	mg/L	EPA 8015B	0.034	0.048	Eurofins_Tustin	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Antimony	Dissolved	DNQ	0.067	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Arsenic	Dissolved	=	0.907	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Arsenic	Total	<	0.05	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Barium	Dissolved	=	15.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Barium	Total	=	14.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Chromium	Dissolved	=	0.884	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Chromium	Total	=	1.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/29/2024 4:37:00 PM	Chromium VI	n/a	=	1.1	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Copper	Dissolved	=	0.589	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Copper	Total	=	0.997	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Iron	Dissolved	=	6.79	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Iron	Total	=	30.9	µg/L	EPA 200.8	1.13	5.65	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Lead	Total	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	2.16	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	1.89	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Nickel	Dissolved	=	1.65	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Nickel	Total	=	1.79	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Selenium	Dissolved	=	27.1	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Selenium	Total	=	23.3	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Silver	Dissolved	=	0.031	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Thallium	Dissolved	DNQ	0.016	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 11:23:00 PM	Zinc	Dissolved	=	0.615	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/4/2024 11:45:00 AM	Zinc	Total	=	0.151	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.021	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	7.4	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	<	0.016	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.0884	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/30/2024 6:28:00 PM	TKN	n/a	=	0.523	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0979	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRPD, UL-MB
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Butyl benzyl phthalate	n/a	=	0.245	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Diethyl phthalate	n/a	=	0.0631	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Dimethyl phthalate	n/a	DNQ	0.0118	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Di-n-butylphthalate	n/a	=	0.0899	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRPD, UL-MB
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Naphthalene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/6/2024 10:15:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/6/2024 10:15:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	5/20/2024 1:01:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/13/2024 12:36:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SIM	2023/24-6	Dry	5/14/2024 9:27:00 AM	6/17/2024 9:25:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/19/2024 4:10:00 PM	E. Coli	n/a	=	158	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/19/2024 4:10:00 PM	Total Coliform	n/a	=	32550	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	10/5/2024 2:42:00 AM	Calcium	Total	=	331	mg/L	EPA 200.7	0.12	2.5	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	10/3/2024 10:23:00 PM	Magnesium	Total	=	108	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Conductivity	n/a	=	2481	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Discharge	n/a	=	0.5	cfs	Field Estimate	-88	-88	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	DO	n/a	=	104.3	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	DO	n/a	=	9.62	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	10/5/2024 2:42:00 AM	Hardness as CaCO3	Total	=	1270	mg/L	EPA 200.7	0.361	8.3	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	pH	n/a	=	8.03	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Salinity	n/a	=	1500	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Specific Conductance	n/a	=	2807	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Temperature	n/a	=	18.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/26/2024 9:19:00 AM	Total Organic Carbon	n/a	=	2.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/18/2024 9:15:00 AM	Turbidity	n/a	=	0.8	NTU	Field Meter	-88	0.01	Field Crew	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/30/2024 3:14:00 PM	Copper	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/30/2024 3:14:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2024-DRY	Dry	9/18/2024 9:15:00 AM	9/30/2024 3:14:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/16/2023 4:50:00 PM	E. Coli	n/a	=	86640	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/16/2023 4:50:00 PM	Total Coliform	n/a	=	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	Conductivity	n/a	=	175	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	DO	n/a	=	9.17	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	DO	n/a	=	93.2	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	pH	n/a	=	7.73	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	Specific Conductance	n/a	=	212.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/15/2023 6:50:00 PM	Temperature	n/a	=	15.7	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	=	2.79	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	7.6	µg/L	EPA 624.1	7.6	25	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:50:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	1.6	µg/L	EPA 624.1	1.6	25	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/17/2023 9:09:00 PM	Chloride	n/a	=	17.8	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.116	mg/L	EPA 300.0	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/4/2023	Perchlorate	Total	<	2.4	µg/L	EPA 314.0	2.4	8	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	40	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/22/2023	BOD	n/a	=	39	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/24/2023	COD	n/a	=	590	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/28/2023 5:26:28 PM	Hardness as CaCO3	Total	=	133	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/17/2023 2:30:00 PM	MBAS	n/a	=	2.84	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	326	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	360	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	13.4	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	37.1	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	316	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	10	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023	TPH as Diesel C10-C28	n/a	=	3.8	mg/L	EPA 8015B	0.95	2	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023	TPH as Gasoline C6-C10	n/a	<	0.95	mg/L	EPA 8015B	0.95	6.1	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/21/2023	TPH as Motor Oil C28-C44	n/a	DNQ	1.4	mg/L	EPA 8015B	0.95	6.1	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Aluminum	Dissolved	=	195	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Aluminum	Total	=	5180	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Antimony	Dissolved	=	2.69	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Antimony	Total	=	1.51	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Arsenic	Dissolved	=	2.46	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Arsenic	Total	=	3.82	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Barium	Dissolved	=	51	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Barium	Total	=	157	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Beryllium	Dissolved	=	0.045	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Beryllium	Total	=	0.32	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Cadmium	Dissolved	=	0.199	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Cadmium	Total	=	0.786	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Chromium	Dissolved	=	3.08	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/28/2023	Chromium VI	n/a	DNQ	0.96	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Copper	Dissolved	=	5.26	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Copper	Total	=	65.6	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Iron	Dissolved	=	1100	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Iron	Total	=	6730	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Lead	Dissolved	=	1.3	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Lead	Total	=	24	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	2.67	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	1/5/2024 10:00:00 AM	Mercury	Total	=	29	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Nickel	Dissolved	=	15.8	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Nickel	Total	=	23.9	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Selenium	Dissolved	=	1.02	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Selenium	Total	=	0.775	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Silver	Dissolved	=	0.205	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Silver	Total	=	0.19	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 2:12:37 PM	Zinc	Dissolved	=	349	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/26/2023 3:21:13 PM	Zinc	Total	=	564	µg/L	EPA 200.8	0.022	0.069	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	2.5	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.732	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.353	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	1.92	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/28/2023 9:46:00 AM	TKN	n/a	=	11.6	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Acenaphthene	n/a	=	0.0221	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Acenaphthylene	n/a	=	0.012	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Anthracene	n/a	=	0.0169	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzo(a)anthracene	n/a	=	0.0148	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzo(a)pyrene	n/a	=	0.0266	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzo(b)fluoranthene	n/a	=	0.0492	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0637	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Benzo(k)fluoranthene	n/a	=	0.0319	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	1.31	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Butyl benzyl phthalate	n/a	=	0.171	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Chrysene	n/a	=	0.0796	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Dibenz(a,h)anthracene	n/a	=	0.008	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Diethyl phthalate	n/a	=	0.361	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Dimethyl phthalate	n/a	=	0.313	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Di-n-butylphthalate	n/a	=	0.178	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Fluoranthene	n/a	=	0.205	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Fluorene	n/a	=	0.0354	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0323	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Naphthalene	n/a	=	0.149	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Phenanthrene	n/a	=	0.227	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Phenol	n/a	DNQ	0.162	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Pyrene	n/a	=	0.221	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/28/2023 1:40:05 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/28/2023 1:40:05 AM	2,4-D	n/a	<	2	µg/L	EPA 615	2	2	NCL	DF, DO
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4,4'-DDE	n/a	=	0.0121	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	alpha-Chlordane	n/a	=	0.0035	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	gamma-Chlordane	n/a	=	0.0041	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	11/27/2023 9:18:16 PM	Glyphosate	n/a	=	53	µg/L	EPA 547	2.1	5	NCL	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Malathion	n/a	=	1.39	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/23/2023 3:22:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 6:55:00 PM	12/15/2023 6:30:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	38730	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	579400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	Conductivity	n/a	=	135.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	DO	n/a	=	97.6	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	DO	n/a	=	10.2	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	pH	n/a	=	7.62	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	Specific Conductance	n/a	=	175	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/20/2024 7:10:00 AM	Temperature	n/a	=	13.6	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	=	2.09	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/20/2024 7:10:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	4.81	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.157	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/2/2024	Perchlorate	Total	DNQ	4.9	µg/L	EPA 314.0	0.88	8	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	38	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/27/2024	BOD	n/a	=	7.5	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024	COD	n/a	=	190	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/11/2024 12:26:00 PM	Hardness as CaCO3	Total	=	62.8	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.612	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	117	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	118	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	23	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	346	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	164	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	58.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.71	mg/L	EPA 8015B	0.049	0.11	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.055	mg/L	EPA 8015B	0.049	0.32	ENTHALPY	UL-MB
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.2	mg/L	EPA 8015B	0.049	0.32	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Aluminum	Dissolved	=	28.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Aluminum	Total	=	3770	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Antimony	Dissolved	=	1.33	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Antimony	Total	=	0.981	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Arsenic	Dissolved	=	0.983	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Barium	Dissolved	=	16.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Barium	Total	=	139	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Beryllium	Dissolved	DNQ	0.025	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Beryllium	Total	=	0.17	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Cadmium	Dissolved	=	0.086	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Cadmium	Total	=	0.667	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Chromium	Dissolved	=	0.972	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Chromium	Total	=	7.53	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.65	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Copper	Dissolved	=	17.1	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Copper	Total	=	54.4	µg/L	EPA 200.8	0.007	0.022	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Iron	Dissolved	=	54.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Iron	Total	=	5030	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Lead	Dissolved	=	0.403	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Lead	Total	=	24.3	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	3.48	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	15.8	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Nickel	Dissolved	=	3.92	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Nickel	Total	=	13.4	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Selenium	Dissolved	=	0.411	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Selenium	Total	=	0.461	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Silver	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Silver	Total	DNQ	0.017	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Thallium	Total	=	0.084	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/12/2024 7:39:00 PM	Zinc	Dissolved	=	46.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/13/2024 5:46:00 PM	Zinc	Total	=	333	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.711	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.895	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.287	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.967	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	3.89	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,4-Dinitrophenol	n/a	=	0.45	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Acenaphthene	n/a	=	0.7	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Acenaphthylene	n/a	=	0.0384	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Anthracene	n/a	=	0.356	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benz(a)anthracene	n/a	=	0.115	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benzo(a)pyrene	n/a	=	0.0962	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benzo(b)fluoranthene	n/a	=	0.0748	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benzo(g,h,i)perylene	n/a	=	0.143	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Benzo(k)fluoranthene	n/a	=	0.0744	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	2.49	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Butyl benzyl phthalate	n/a	=	0.616	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Chrysene	n/a	=	0.25	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Dibenz(a,h)anthracene	n/a	=	0.0646	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Diethyl phthalate	n/a	=	0.435	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Dimethyl phthalate	n/a	=	0.574	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Di-n-butylphthalate	n/a	=	0.458	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Fluoranthene	n/a	=	0.962	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Fluorene	n/a	=	0.543	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.144	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Naphthalene	n/a	=	0.864	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Phenanthrene	n/a	=	2.2	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Phenol	n/a	=	0.3	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Pyrene	n/a	=	0.755	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/3/2024 11:17:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	2/3/2024 11:17:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4,4'-DDE	n/a	=	0.0194	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	alpha-Chlordane	n/a	=	0.0057	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	LC SRPD, LB-L
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	gamma-Chlordane	n/a	=	0.0054	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	1/31/2024 10:42:00 PM	Glyphosate	n/a	=	18	µg/L	EPA 547	2.1	5	NCL	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Pentachlorophenol	n/a	=	1.16	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/5/2024 2:24:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-3	Wet	1/21/2024 7:50:00 AM	3/7/2024 3:26:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	5172	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	110600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	Conductivity	n/a	DNQ	0.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	DO	n/a	=	10.65	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	DO	n/a	=	98.9	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	pH	n/a	*	5.99	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	Specific Conductance	n/a	DNQ	0.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/1/2024 5:35:00 AM	Temperature	n/a	=	12	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 5:35:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	1.64	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	<	0.01	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/12/2024	Perchlorate	Total	<	0.73	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	16	mg/L	SM 2320 B	1	1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/8/2024	BOD	n/a	=	4.6	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/8/2024	COD	n/a	=	40	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/20/2024 11:49:00 PM	Hardness as CaCO3	Total	=	27.6	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.224	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	53.5	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	52	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	6.04	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	100	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	65.5	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	16.6	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.41	mg/L	EPA 8015B	0.068	0.1	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.076	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	UL-MB
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	=	0.44	mg/L	EPA 8015B	0.068	0.3	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Aluminum	Dissolved	=	9.15	µg/L	EPA 200.8	1.65	8.25	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Aluminum	Total	=	1860	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Antimony	Dissolved	=	0.263	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Antimony	Total	=	0.611	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Arsenic	Dissolved	=	0.675	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Arsenic	Total	=	0.989	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Barium	Dissolved	=	10.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Barium	Total	=	57.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Beryllium	Total	=	0.085	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Cadmium	Dissolved	=	0.04	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Cadmium	Total	=	0.394	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Chromium	Dissolved	=	0.364	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Chromium	Total	=	3.55	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/9/2024	Chromium VI	n/a	DNQ	0.3	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Copper	Dissolved	=	3.29	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Copper	Total	=	12	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Iron	Dissolved	=	14.1	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Iron	Total	=	2540	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Lead	Dissolved	=	0.132	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Lead	Total	=	10.4	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.46	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	9.34	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Nickel	Dissolved	=	0.667	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Nickel	Total	=	4.42	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Selenium	Dissolved	=	0.097	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Selenium	Total	=	0.182	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Silver	Dissolved	DNQ	0.011	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Silver	Total	=	0.029	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Thallium	Dissolved	=	0.078	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Thallium	Total	=	0.084	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 6:12:00 AM	Zinc	Dissolved	=	16.8	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/28/2024 7:32:00 AM	Zinc	Total	=	91.1	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.241	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.464	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.104	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.26	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	0.832	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Acenaphthene	n/a	=	0.0114	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Acenaphthylene	n/a	DNQ	0.0026	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Anthracene	n/a	=	0.0136	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benz(a)anthracene	n/a	=	0.0227	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benzo(a)pyrene	n/a	=	0.0198	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benzo(b)fluoranthene	n/a	=	0.0402	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0313	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Benzo(k)fluoranthene	n/a	=	0.023	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.45	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Butyl benzyl phthalate	n/a	=	0.392	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Chrysene	n/a	=	0.0586	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Dibenz(a,h)anthracene	n/a	=	0.0132	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Diethyl phthalate	n/a	=	0.189	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Dimethyl phthalate	n/a	=	0.141	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Di-n-butylphthalate	n/a	=	0.194	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Fluoranthene	n/a	=	0.123	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Fluorene	n/a	=	0.0136	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Isophorone	n/a	DNQ	0.0523	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Naphthalene	n/a	=	0.0227	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Phenanthrene	n/a	=	0.11	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Pyrene	n/a	=	0.102	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/19/2024 7:33:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/19/2024 7:33:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4,4'-DDE	n/a	=	0.0144	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	alpha-Chlordane	n/a	DNQ	0.0018	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	gamma-Chlordane	n/a	DNQ	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	2/14/2024 5:29:00 AM	Glyphosate	n/a	=	6.9	µg/L	EPA 547	2.1	5	NCL	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Malathion	n/a	=	0.0074	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Pentachlorophenol	n/a	=	0.683	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/19/2024 4:07:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-SPA	2023/24-4	Wet	2/1/2024 2:05:00 PM	3/16/2024 4:54:00 AM	Toxaphene	n/a	=	0.0373	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/16/2023 4:35:00 PM	E. Coli	n/a	=	17850	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/16/2023 4:35:00 PM	Total Coliform	n/a	=	152900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	Conductivity	n/a	=	750	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	DO	n/a	=	83.4	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	DO	n/a	=	8.61	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	pH	n/a	=	7.84	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	Specific Conductance	n/a	=	948	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/15/2023 7:45:00 PM	Temperature	n/a	=	14.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-THO	2023/24-1	Wet	11/15/2023 7:45:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	0.3	µg/L	EPA 624.1	0.3	5	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/17/2023 9:09:00 PM	Chloride	n/a	=	233	mg/L	EPA 300.0	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.377	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/30/2023	Perchlorate	Total	<	1.2	µg/L	EPA 314.0	1.2	4	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	352	mg/L	SM 2320 B	1	1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/22/2023	BOD	n/a	=	5.8	mg/L	SM 5210 B	-88	3	ENTHALPY	EST
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/24/2023	COD	n/a	=	86	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/28/2023 5:49:24 PM	Hardness as CaCO3	Total	=	758	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/17/2023 2:30:00 PM	MBAS	n/a	=	0.075	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	1620	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	1170	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/13/2023 3:58:00 PM	Total Organic Carbon	n/a	=	0.85	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	384	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	115	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	84.1	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/22/2023	TPH as Diesel C10-C28	n/a	=	0.14	mg/L	EPA 8015B	0.046	0.099	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/22/2023	TPH as Gasoline C6-C10	n/a	DNQ	0.054	mg/L	EPA 8015B	0.046	0.3	ENTHALPY	UL-MB
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/22/2023	TPH as Motor Oil C28-C44	n/a	DNQ	0.12	mg/L	EPA 8015B	0.046	0.3	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Aluminum	Dissolved	DNQ	1.83	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Aluminum	Total	=	2610	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Antimony	Dissolved	=	0.264	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Antimony	Total	DNQ	0.132	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Arsenic	Dissolved	=	3.02	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Arsenic	Total	=	3.57	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Barium	Dissolved	=	24.7	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Barium	Total	=	42.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Beryllium	Total	=	0.154	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Cadmium	Dissolved	=	0.037	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Cadmium	Total	=	0.3	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Chromium	Dissolved	=	0.194	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Chromium	Total	=	6.76	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023	Chromium VI	n/a	DNQ	0.34	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Copper	Dissolved	=	1.38	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Copper	Total	=	9.53	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Iron	Dissolved	=	12.4	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Iron	Total	=	3590	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Lead	Total	=	2.12	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	0.859	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	1/5/2024 10:00:00 AM	Mercury	Total	=	27	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Nickel	Dissolved	=	1.49	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Nickel	Total	=	11.2	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Selenium	Dissolved	=	1.71	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Selenium	Total	=	1.9	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Silver	Dissolved	=	0.202	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Silver	Total	=	0.191	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 2:49:33 PM	Zinc	Dissolved	=	1.5	µg/L	EPA 200.8	0.022	0.069	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/26/2023 3:58:07 PM	Zinc	Total	=	40.3	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	0.109	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	1.06	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.145	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023 1:00:00 PM	Phosphorus as P	Total	=	0.795	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023 9:46:00 AM	TKN	n/a	=	2.72	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benz(a)anthracene	n/a	DNQ	0.0026	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benizidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benzo(a)pyrene	n/a	=	0.006	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benzo(b)fluoranthene	n/a	=	0.0079	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0072	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Benzo(k)fluoranthene	n/a	=	0.0091	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.0738	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Butyl benzyl phthalate	n/a	=	0.126	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Chrysene	n/a	=	0.0055	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Diethyl phthalate	n/a	=	0.18	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Dimethyl phthalate	n/a	=	1.2	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Di-n-butylphthalate	n/a	=	0.0348	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Fluoranthene	n/a	=	0.0103	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0083	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Naphthalene	n/a	=	0.0053	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Phenanthrene	n/a	DNQ	0.0044	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Pyrene	n/a	=	0.0117	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023 4:46:57 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023 4:46:57 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4,4'-DDE	n/a	=	0.0026	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	4,4'-DDT	n/a	=	0.0687	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	alpha-Chlordane	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	gamma-Chlordane	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	11/28/2023 12:56:19 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/23/2023 3:36:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-1	Wet	11/16/2023 9:05:00 AM	12/15/2023 11:54:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	255	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.43	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/2/2024	Perchlorate	Total	<	0.44	µg/L	EPA 314.0	0.44	4	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	380	mg/L	SM 2320 B	1	1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/27/2024	BOD	n/a	<	3	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/30/2024	COD	n/a	=	29	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/11/2024 12:49:00 PM	Hardness as CaCO3	Total	=	777	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.05	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	1590	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	1340	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	3.24	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	51	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	17.1	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	8.4	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	DNQ	0.057	mg/L	EPA 8015B	0.047	0.1	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.068	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	UL-MB
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	<	0.047	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Aluminum	Total	=	968	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Antimony	Dissolved	=	0.516	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Antimony	Total	=	0.198	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Arsenic	Dissolved	=	2.84	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Arsenic	Total	=	3.26	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Barium	Dissolved	=	29.2	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Barium	Total	=	39.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Beryllium	Total	=	0.047	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Cadmium	Total	=	0.186	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Chromium	Dissolved	=	0.309	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Chromium	Total	=	3.19	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.52	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Copper	Dissolved	=	0.776	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Copper	Total	=	3.19	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Iron	Dissolved	DNQ	2.25	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Iron	Total	=	1480	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Lead	Total	=	0.971	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	1.85	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	2.17	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Nickel	Dissolved	=	1.39	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Nickel	Total	=	5	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Selenium	Dissolved	=	1.96	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Selenium	Total	=	2.04	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Silver	Total	DNQ	0.014	µg/L	EPA 200.8	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Thallium	Dissolved	DNQ	0.011	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/12/2024 8:17:00 PM	Zinc	Dissolved	=	0.541	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/13/2024 6:23:00 PM	Zinc	Total	=	15.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.031	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.705	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.133	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.162	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	0.639	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benzdine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Bis(2-chloroisopropyl)ether	n/a	=	0.478	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.213	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Butyl benzyl phthalate	n/a	=	0.339	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Diethyl phthalate	n/a	=	0.0809	µg/L	EPA 625.1	0.01	0.02	PHYSIS	IB-LCSR, UL-M
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Dimethyl phthalate	n/a	=	3.88	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Di-n-butylphthalate	n/a	=	0.232	µg/L	EPA 625.1	0.01	0.02	PHYSIS	RPD, HB-LCSR
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Naphthalene	n/a	=	0.0059	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/4/2024 4:27:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/4/2024 4:27:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Chlorpyrifos	n/a	=	0.0486	µg/L	EPA 625.1	0.0005	0.001	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	-LCSRPD, LB-L	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	2/1/2024 3:41:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS		

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/6/2024 12:53:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-3	Wet	1/21/2024 7:55:00 AM	3/7/2024 8:05:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/2/2024 8:00:00 AM	E. Coli	n/a	=	3130	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/2/2024 8:00:00 AM	Total Coliform	n/a	=	93900	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	Conductivity	n/a	=	79.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	DO	n/a	=	10.83	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	DO	n/a	=	101.4	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	pH	n/a	=	7.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	Specific Conductance	n/a	=	106.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/1/2024 6:40:00 AM	Temperature	n/a	=	12.5	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 6:40:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/28/2024 5:10:00 PM	Chloride	n/a	=	36.1	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.164	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/12/2024	Perchlorate	Total	<	0.37	µg/L	EPA 314.0	0.37	4	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	91	mg/L	SM 2320 B	1	1	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/7/2024	BOD	n/a	=	4.2	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/8/2024	COD	n/a	=	28	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/21/2024 12:12:00 AM	Hardness as CaCO3	Total	=	194	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/3/2024 12:35:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/14/2024 9:15:00 AM	Specific Conductance	n/a	=	355	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	216	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	0.539	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	344	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	154	NTU	EPA 180.1	0.02	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	53.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.1	mg/L	EPA 8015B	0.064	0.095	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.085	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	UL-MB
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/7/2024	TPH as Motor Oil C28-C44	n/a	<	0.064	mg/L	EPA 8015B	0.064	0.28	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Aluminum	Dissolved	DNQ	4.19	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Aluminum	Total	=	8380	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Antimony	Dissolved	=	0.293	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Antimony	Total	=	0.229	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Arsenic	Dissolved	=	1.17	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Arsenic	Total	=	2.48	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Barium	Dissolved	=	8.08	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Barium	Total	=	70.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Beryllium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Beryllium	Total	=	0.29	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Cadmium	Dissolved	=	0.023	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Cadmium	Total	=	0.724	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Chromium	Dissolved	=	0.605	µg/L	EPA 200.8	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Chromium	Total	=	23.7	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Copper	Dissolved	=	1.47	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Copper	Total	=	21.4	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Iron	Dissolved	=	20.8	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Iron	Total	=	13100	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Lead	Dissolved	=	0.036	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Lead	Total	=	6.45	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.1	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/13/2024 11:00:00 AM	Mercury	Total	=	11.6	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Nickel	Dissolved	=	0.794	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Nickel	Total	=	26.5	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Selenium	Dissolved	=	0.556	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Selenium	Total	=	0.436	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Silver	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Silver	Total	=	0.021	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Thallium	Dissolved	=	0.084	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Thallium	Total	=	0.188	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 6:50:00 AM	Zinc	Dissolved	=	2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/28/2024 8:09:00 AM	Zinc	Total	=	102	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.052	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	EST-LCSRPD
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.029	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.331	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.482	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/15/2024 10:04:00 AM	TKN	n/a	=	1.92	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 7:05:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 7:05:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Acenaphthene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Acenaphthylene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Anthracene	n/a	DNQ	0.0032	µg/L	EPA 625.1	0.001	0.005	PHYSIS	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-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(a)anthracene	n/a	=	0.0133	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(a)pyrene	n/a	=	0.0167	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(b)fluoranthene	n/a	=	0.0239	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0245	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Benzo(k)fluoranthene	n/a	=	0.0182	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.852	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Butyl benzyl phthalate	n/a	=	0.349	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Chrysene	n/a	=	0.0243	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Diethyl phthalate	n/a	=	0.0935	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Dimethyl phthalate	n/a	=	3.19	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Di-n-butylphthalate	n/a	=	0.205	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Fluoranthene	n/a	=	0.0433	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Fluorene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.019	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Naphthalene	n/a	=	0.0095	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Phenanthrene	n/a	=	0.0215	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Pyrene	n/a	=	0.0497	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/19/2024 11:12:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/19/2024 11:12:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4,4'-DDE	n/a	=	0.0049	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	4,4'-DDT	n/a	=	0.0115	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	alpha-Chlordane	n/a	=	0.0046	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	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-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Diieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	gamma-Chlordane	n/a	=	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	2/14/2024 6:03:00 PM	Glyphosate	n/a	DNQ	4	µg/L	EPA 547	2.1	5	NCL	
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Pentachlorophenol	n/a	=	0.141	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/20/2024 4:23:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	EST-HT
MO-THO	2023/24-4	Wet	2/1/2024 7:05:00 AM	3/16/2024 10:22:00 AM	Toxaphene	n/a	=	0.0447	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/15/2024 4:33:00 PM	E. Coli	n/a	=	41	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/15/2024 4:33:00 PM	Total Coliform	n/a	=	9208	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	Conductivity	n/a	=	1747	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/20/2024 9:05:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	DO	n/a	=	104.7	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	DO	n/a	=	9.97	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	pH	n/a	=	8.43	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	Salinity	n/a	=	1050	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	Specific Conductance	n/a	=	2042	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/14/2024 10:15:00 AM	Temperature	n/a	=	17.5	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/17/2024	2-Chloroethyl vinyl ether	n/a	<	0.8	µg/L	EPA 624.1	0.8	5	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:15:00 AM	5/17/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/15/2024 2:57:00 PM	Chloride	n/a	=	258	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/15/2024 2:57:00 PM	Fluoride	n/a	=	0.361	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/30/2024 7:37:00 AM	Perchlorate	Total	<	0.36	µg/L	EPA 314.0	0.36	4	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/21/2024 1:30:00 PM	Alkalinity as CaCO3	n/a	=	378	mg/L	SM 2320 B	1	1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/20/2024 11:00:00 AM	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/18/2024 3:20:00 PM	COD	n/a	=	5	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/3/2024 3:16:00 PM	Hardness as CaCO3	Total	=	768	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/15/2024 1:00:00 PM	MBAS	n/a	<	0.02	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	1920	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	1370	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/11/2024 8:00:00 PM	Total Organic Carbon	n/a	=	2.02	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	4.82	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/16/2024 7:30:00 AM	Turbidity	n/a	=	1.12	NTU	EPA 180.1	0.02	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	0.89	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/22/2024 10:10:00 PM	TPH as Diesel C10-C28	n/a	<	0.033	mg/L	EPA 8015B	0.033	0.046	Eurofins_Tustin	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/24/2024 11:24:00 PM	TPH as Gasoline C6-C10	n/a	<	0.029	mg/L	EPA 8015B	0.029	0.05	Eurofins_Tustin	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/22/2024 10:10:00 PM	TPH as Motor Oil C28-C44	n/a	<	0.033	mg/L	EPA 8015B	0.033	0.046	Eurofins_Tustin	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Aluminum	Total	=	23.9	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Antimony	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Antimony	Total	<	0.03	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Arsenic	Dissolved	=	0.463	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Arsenic	Total	=	0.895	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Barium	Dissolved	=	22.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Barium	Total	=	22.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Chromium	Dissolved	=	0.222	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Chromium	Total	=	0.317	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/29/2024 4:48:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Copper	Dissolved	=	0.97	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Copper	Total	=	1.02	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Iron	Dissolved	DNQ	1.19	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Iron	Total	=	59.2	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Lead	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Lead	Total	DNQ	0.011	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	1.89	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	1.71	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Nickel	Dissolved	=	1.3	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Nickel	Total	=	1.42	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Selenium	Dissolved	=	0.369	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Selenium	Total	=	0.886	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:08:00 AM	Zinc	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/4/2024 11:50:00 AM	Zinc	Total	DNQ	0.064	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	DNQ	0.021	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	=	0.752	mg/L	SM 4500-NO3 H	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	=	0.0332	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.137	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/30/2024 6:28:00 PM	TKN	n/a	DNQ	0.336	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.109	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Butyl benzyl phthalate	n/a	=	0.238	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Chrysene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Diethyl phthalate	n/a	=	0.0665	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Dimethyl phthalate	n/a	=	3.37	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Di-n-butylphthalate	n/a	=	0.103	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Fluoranthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Naphthalene	n/a	DNQ	0.0013	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Phenanthrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Pyrene	n/a	DNQ	0.0015	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/6/2024 10:47:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/6/2024 10:47:00 PM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	5/20/2024 1:23:00 AM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Prometryn	n/a	DNQ	0.0097	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/13/2024 2:21:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-THO	2023/24-6	Dry	5/14/2024 10:22:00 AM	6/17/2024 10:10:00 PM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/19/2024 4:10:00 PM	E. Coli	n/a	=	97	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/19/2024 4:10:00 PM	Total Coliform	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	10/3/2024 10:26:00 PM	Calcium	Total	=	115	mg/L	EPA 200.7	0.024	0.5	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	10/3/2024 10:26:00 PM	Magnesium	Total	=	120	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Conductivity	n/a	=	1665	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Discharge	n/a	=	0.75	cfs	Field Estimate	-88	-88	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	DO	n/a	=	9.84	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	DO	n/a	=	99.9	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	10/3/2024 10:26:00 PM	Hardness as CaCO3	Total	=	780	mg/L	EPA 200.7	0.121	3.31	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	pH	n/a	=	8.37	pH Units	Field Meter	-88	0.01	Field Crew	

Appendix G
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Specific Conductance	n/a	=	2012	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Temperature	n/a	=	16.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/27/2024 5:01:00 AM	Total Organic Carbon	n/a	=	2.5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/18/2024 10:25:00 AM	Turbidity	n/a	=	0.7	NTU	Field Meter	-88	0.01	Field Crew	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/30/2024 3:17:00 PM	Copper	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/30/2024 3:17:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2024-DRY	Dry	9/18/2024 10:25:00 AM	9/30/2024 3:17:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/17/2023 9:09:00 PM	Chloride	n/a	=	61.3	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/17/2023 9:09:00 PM	Fluoride	n/a	=	0.47	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/4/2023	Perchlorate	Total	<	2.4	µg/L	EPA 314.0	2.4	8	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/21/2023 6:35:00 AM	Alkalinity as CaCO3	n/a	=	105	mg/L	SM 2320 B	1	1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/22/2023	BOD	n/a	=	35	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/24/2023	COD	n/a	=	720	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/28/2023 5:36:20 PM	Hardness as CaCO3	Total	=	265	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/17/2023 2:30:00 PM	MBAS	n/a	=	2.1	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/20/2023 3:30:00 PM	Specific Conductance	n/a	=	717	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/22/2023 1:30:00 PM	Total Dissolved Solids	n/a	=	682	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/13/2023 5:30:00 PM	Total Organic Carbon	n/a	=	15.2	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/21/2023 8:00:00 AM	Total Suspended Solids	n/a	=	661	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/17/2023 11:00:00 AM	Turbidity	n/a	=	424	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/21/2023 2:00:00 PM	Volatile Suspended Solids	n/a	=	222	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/30/2023	TPH as Diesel C10-C28	n/a	=	2.1	mg/L	EPA 8015B	0.53	1	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/30/2023	TPH as Gasoline C6-C10	n/a	<	0.53	mg/L	EPA 8015B	0.53	3	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/30/2023	TPH as Motor Oil C28-C44	n/a	DNQ	0.54	mg/L	EPA 8015B	0.53	3	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Aluminum	Dissolved	=	63.8	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Aluminum	Total	=	5840	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Antimony	Dissolved	=	4.5	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Antimony	Total	=	1.98	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Arsenic	Dissolved	=	5.64	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Arsenic	Total	=	13.1	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Barium	Dissolved	=	47.9	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Beryllium	Dissolved	DNQ	0.022	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Beryllium	Total	=	0.418	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Cadmium	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Cadmium	Total	=	1.33	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Chromium	Dissolved	=	2.15	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Chromium	Total	=	13.7	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/28/2023	Chromium VI	n/a	DNQ	0.31	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Copper	Dissolved	=	2.16	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Copper	Total	=	131	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Iron	Dissolved	=	2000	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Iron	Total	=	10900	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Lead	Dissolved	=	0.561	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Lead	Total	=	56.1	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	1/5/2024 10:00:00 AM	Mercury	Dissolved	=	2.34	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	1/5/2024 10:00:00 AM	Mercury	Total	=	51.7	ng/L	EPA 1631E	0.04	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Nickel	Dissolved	=	17.7	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Nickel	Total	=	33.8	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Selenium	Dissolved	=	1.94	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Selenium	Total	=	1.72	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Silver	Dissolved	=	0.204	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Silver	Total	=	0.188	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 2:28:26 PM	Zinc	Dissolved	=	116	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/26/2023 3:37:04 PM	Zinc	Total	=	1940	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/20/2023 1:17:00 PM	Ammonia as N	n/a	=	2.78	mg/L	SM 4500-NH3 E	0.007	0.03	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/30/2023 10:06:00 AM	Nitrate + Nitrite as N	n/a	=	0.021	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/13/2023 8:00:00 AM	Phosphorus as P	Dissolved	=	0.647	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/28/2023 1:00:00 AM	Phosphorus as P	Total	=	2.93	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/28/2023 9:46:00 AM	TKN	n/a	=	16.9	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Acenaphthene	n/a	=	0.005	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Acenaphthylene	n/a	=	0.0118	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Anthracene	n/a	=	0.0074	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benz(a)anthracene	n/a	=	0.0142	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benzo(a)pyrene	n/a	=	0.0236	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benzo(b)fluoranthene	n/a	=	0.0379	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benzo(g,h,i)perylene	n/a	=	0.0541	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Benzo(k)fluoranthene	n/a	=	0.0287	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.838	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Butyl benzyl phthalate	n/a	=	0.137	µg/L	EPA 625.1	0.01	0.02	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Chrysene	n/a	=	0.0502	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Dibenz(a,h)anthracene	n/a	=	0.0109	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Diethyl phthalate	n/a	=	0.275	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Dimethyl phthalate	n/a	=	0.342	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Di-n-butylphthalate	n/a	=	0.0903	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Fluoranthene	n/a	=	0.0808	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Fluorene	n/a	=	0.0081	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0274	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Naphthalene	n/a	=	0.0481	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Phenanthrene	n/a	=	0.0655	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Phenol	n/a	=	0.206	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Pyrene	n/a	=	0.117	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/28/2023 3:13:29 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/28/2023 3:13:29 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4,4'-DDE	n/a	=	0.0167	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	alpha-Chlordane	n/a	=	0.0037	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	gamma-Chlordane	n/a	=	0.0031	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	11/27/2023 11:29:04 PM	Glyphosate	n/a	=	58	µg/L	EPA 547	2.1	5	NCL	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Malathion	n/a	=	0.0647	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/23/2023 8:36:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 4:45:00 PM	12/15/2023 8:49:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/16/2023 4:50:00 PM	E. Coli	n/a	=	29090	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/16/2023 4:50:00 PM	Total Coliform	n/a	=	461100	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	Conductivity	n/a	=	307.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/29/2023	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	DO	n/a	=	7.5	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	DO	n/a	=	74.7	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	pH	n/a	=	7.86	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	Specific Conductance	n/a	=	381.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/15/2023 5:00:00 PM	Temperature	n/a	=	15.1	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	12/11/2023 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/21/2023	2-Chloroethyl vinyl ether	n/a	<	7.6	µg/L	EPA 624.1	7.6	25	ENTHALPY	
MO-VEN	2023/24-1	Wet	11/15/2023 5:00:00 PM	11/21/2023	Methyl tert-butyl ether (MTBE)	n/a	<	1.6	µg/L	EPA 624.1	1.6	25	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/21/2024 9:05:00 AM	E. Coli	n/a	=	4884	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/21/2024 9:05:00 AM	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	Conductivity	n/a	=	118.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/30/2024	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	DO	n/a	=	9.93	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	DO	n/a	=	95.6	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	pH	n/a	=	7.37	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	Specific Conductance	n/a	=	152.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/20/2024 6:10:00 AM	Temperature	n/a	=	13.7	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	2/8/2024 8:00:00 AM	Oil and Grease	n/a	=	1.18	mg/L	EPA 1664B	1	1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/23/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/20/2024 6:10:00 AM	1/23/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	5	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/16/2024 4:50:00 PM	Chloride	n/a	=	8.3	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/16/2024 4:50:00 PM	Fluoride	n/a	=	0.199	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/2/2024	Perchlorate	Total	<	0.88	µg/L	EPA 314.0	0.88	8	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/29/2024 8:00:00 AM	Alkalinity as CaCO3	n/a	=	37	mg/L	SM 2320 B	1	1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/27/2024	BOD	n/a	=	9.2	mg/L	SM 5210 B	3	3	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/26/2024	COD	n/a	=	86	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/11/2024 12:36:00 PM	Hardness as CaCO3	Total	=	48	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/23/2024 8:00:00 AM	MBAS	n/a	=	0.445	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/13/2024 3:30:00 PM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/26/2024 7:30:00 AM	Total Dissolved Solids	n/a	=	118	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/17/2024 2:00:00 PM	Total Organic Carbon	n/a	=	15.9	mg/L	SM 5310 B	0.2	0.44	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/25/2024 11:30:00 AM	Total Suspended Solids	n/a	=	25.5	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/22/2024 12:00:00 PM	Turbidity	n/a	=	78.1	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/26/2024 7:00:00 AM	Volatile Suspended Solids	n/a	=	8.5	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/25/2024	TPH as Diesel C10-C28	n/a	=	0.54	mg/L	EPA 8015B	0.047	0.1	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/25/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.051	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	UL-MB
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/25/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.19	mg/L	EPA 8015B	0.047	0.3	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Aluminum	Dissolved	=	18.3	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Aluminum	Total	=	582	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Antimony	Dissolved	=	1.61	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Antimony	Total	=	1.43	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Arsenic	Dissolved	=	1.25	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Arsenic	Total	=	1.61	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Barium	Dissolved	=	10	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 6:02:00 PM	Barium	Total	=	22.3	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Beryllium	Dissolved	DNQ	0.016	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Beryllium	Total	=	0.037	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Cadmium	Total	=	0.032	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Chromium	Dissolved	=	0.649	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Chromium	Total	=	1.84	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/30/2024	Chromium VI	n/a	DNQ	0.38	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Copper	Dissolved	=	6.52	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Copper	Total	=	12.7	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Iron	Dissolved	=	45.9	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Iron	Total	=	779	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Lead	Dissolved	=	0.313	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Lead	Total	=	2.69	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/6/2024 3:30:00 PM	Mercury	Dissolved	=	2.89	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/6/2024 3:30:00 PM	Mercury	Total	=	11.6	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Nickel	Dissolved	=	2.55	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Nickel	Total	=	3.64	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Selenium	Dissolved	=	0.378	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Selenium	Total	=	0.473	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Silver	Dissolved	=	0.02	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/12/2024 7:55:00 PM	Zinc	Dissolved	=	40.4	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/13/2024 6:02:00 PM	Zinc	Total	=	88.6	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/24/2024 10:20:00 AM	Ammonia as N	n/a	=	0.254	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	1/25/2024 12:35:00 PM	Nitrate + Nitrite as N	n/a	=	0.631	mg/L	SM 4500-NO3 H	0.01	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/16/2024 1:00:00 PM	Phosphorus as P	Dissolved	=	0.296	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.472	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/5/2024 2:00:00 PM	TKN	n/a	=	1.93	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,4-Dinitrophenol	n/a	=	0.31	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LCSRPD, LB-L
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Acenaphthylene	n/a	=	0.0062	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Anthracene	n/a	=	0.0059	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benz(a)anthracene	n/a	DNQ	0.0038	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benzo(a)pyrene	n/a	=	0.0225	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benzo(b)fluoranthene	n/a	=	0.0094	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benzo(g,h,i)perylene	n/a	=	0.036	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Benzo(k)fluoranthene	n/a	=	0.0084	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	1.61	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Butyl benzyl phthalate	n/a	=	0.601	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Chrysene	n/a	=	0.0221	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Diethyl phthalate	n/a	=	0.316	µg/L	EPA 625.1	0.01	0.02	PHYSIS	HB-LCSR
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Dimethyl phthalate	n/a	=	0.249	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Di-n-butylphthalate	n/a	=	0.381	µg/L	EPA 625.1	0.01	0.02	PHYSIS	LCSRPD, HB-L
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Fluoranthene	n/a	=	0.034	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Fluorene	n/a	=	0.0056	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Indeno(1,2,3-cd)pyrene	n/a	=	0.0282	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Naphthalene	n/a	=	0.0288	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	EST-LCSRPD
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Phenanthrene	n/a	=	0.0342	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Phenol	n/a	=	0.209	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Pyrene	n/a	=	0.0471	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/4/2024 12:50:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/4/2024 12:50:00 AM	2,4-D	n/a	DNQ	0.53	µg/L	EPA 615	0.47	1	NCL	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4,4'-DDE	n/a	=	0.018	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	alpha-Chlordane	n/a	=	0.0022	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	LB-LCSR
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	-LCSRPD, LB-L
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	gamma-Chlordane	n/a	=	0.002	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	2/1/2024 1:08:00 PM	Glyphosate	n/a	=	72	µg/L	EPA 547	2.1	5	NCL	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Pentachlorophenol	n/a	DNQ	0.0783	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/5/2024 7:39:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-3	Wet	1/21/2024 7:00:00 AM	3/7/2024 5:45:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCL	0.01	0.025	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/2/2024 10:43:00 AM	E. Coli	n/a	=	4352	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/2/2024 10:43:00 AM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	Conductivity	n/a	DNQ	0.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/8/2024	Cyanide	Total	<	0.0032	mg/L	EPA 335.4	0.0032	0.01	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	DO	n/a	=	10.43	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	DO	n/a	=	99.4	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	pH	n/a	*	5.62	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 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-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	Specific Conductance	n/a	DNQ	0.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/1/2024 4:35:00 AM	Temperature	n/a	=	13.2	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/22/2024 8:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/6/2024	2-Chloroethyl vinyl ether	n/a	<	1.5	µg/L	EPA 624.1	1.5	5	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 4:35:00 AM	2/6/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.1	µg/L	EPA 624.1	0.1	0.5	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/28/2024 5:10:00 PM	Chloride	n/a	=	2.62	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/3/2024 11:40:00 AM	Fluoride	n/a	=	0.11	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/12/2024	Perchlorate	Total	<	0.73	µg/L	EPA 314.0	0.73	8	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/14/2024 1:15:00 PM	Alkalinity as CaCO3	n/a	=	21	mg/L	SM 2320 B	1	1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/8/2024	BOD	n/a	<	3	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/8/2024	COD	n/a	=	24	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/20/2024 11:59:00 PM	Hardness as CaCO3	Total	=	30.5	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/3/2024 12:35:00 PM	MBAS	n/a	=	0.0577	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/14/2024 9:15:00 PM	Specific Conductance	n/a	=	70.3	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/7/2024 4:15:00 PM	Total Dissolved Solids	n/a	=	56	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/19/2024 12:00:00 PM	Total Organic Carbon	n/a	=	4.38	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/6/2024 10:00:00 AM	Total Suspended Solids	n/a	=	117	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/3/2024 9:30:00 AM	Turbidity	n/a	=	77.7	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/8/2024 8:00:00 AM	Volatile Suspended Solids	n/a	=	15.8	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/7/2024	TPH as Diesel C10-C28	n/a	=	0.16	mg/L	EPA 8015B	0.073	0.11	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/7/2024	TPH as Gasoline C6-C10	n/a	DNQ	0.076	mg/L	EPA 8015B	0.073	0.32	ENTHALPY	UL-MB
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/7/2024	TPH as Motor Oil C28-C44	n/a	DNQ	0.12	mg/L	EPA 8015B	0.073	0.32	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Aluminum	Dissolved	=	13.7	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Aluminum	Total	=	2240	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Antimony	Dissolved	=	0.497	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Antimony	Total	=	0.416	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Arsenic	Dissolved	=	0.85	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Arsenic	Total	=	1.59	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Barium	Dissolved	=	7.41	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Barium	Total	=	34.5	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Beryllium	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Beryllium	Total	=	0.114	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Cadmium	Dissolved	DNQ	0.011	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Cadmium	Total	=	0.206	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Chromium	Dissolved	=	0.347	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Chromium	Total	=	4.82	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/9/2024	Chromium VI	n/a	<	0.25	µg/L	EPA 218.6	0.25	1	ENTHALPY	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Copper	Dissolved	=	2.94	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Copper	Total	=	12.5	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Iron	Dissolved	=	18.6	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Iron	Total	=	2980	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Lead	Dissolved	=	0.173	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Lead	Total	=	8.46	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/13/2024 11:00:00 AM	Mercury	Dissolved	=	2.32	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/13/2024 11:00:00 AM	Mercury	Total	=	8.94	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Nickel	Dissolved	=	0.453	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Nickel	Total	=	5.63	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Selenium	Dissolved	=	0.219	µg/L	EPA 200.8	0.021	0.068	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Selenium	Total	=	0.203	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Silver	Dissolved	DNQ	0.015	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Silver	Total	=	0.022	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Thallium	Dissolved	=	0.081	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Thallium	Total	=	0.102	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 6:28:00 AM	Zinc	Dissolved	=	9.72	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/28/2024 7:48:00 AM	Zinc	Total	=	80.7	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/26/2024 10:00:00 AM	Ammonia as N	n/a	=	0.101	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	EST-LCSRPD
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/29/2024 10:09:00 AM	Nitrate + Nitrite as N	n/a	=	0.352	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/28/2024 10:30:00 AM	Phosphorus as P	Dissolved	=	0.22	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/20/2024 1:00:00 PM	Phosphorus as P	Total	=	0.284	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/15/2024 10:04:00 AM	TKN	n/a	=	0.778	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	1,2-Diphenylhydrazine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Acenaphthene	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Acenaphthylene	n/a	DNQ	0.0023	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Anthracene	n/a	DNQ	0.0031	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benz(a)anthracene	n/a	=	0.0061	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benzenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benzo(a)pyrene	n/a	=	0.0065	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benzo(b)fluoranthene	n/a	=	0.0155	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benzo(g,h,i)perylene	n/a	=	0.0205	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Benzo(k)fluoranthene	n/a	=	0.022	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	0.868	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Butyl benzyl phthalate	n/a	=	0.666	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Chrysene	n/a	=	0.0209	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Diethyl phthalate	n/a	=	0.122	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Dimethyl phthalate	n/a	=	0.155	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Di-n-butylphthalate	n/a	=	0.365	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Fluoranthene	n/a	=	0.0472	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Fluorene	n/a	DNQ	0.0024	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Naphthalene	n/a	=	0.0157	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Phenanthrene	n/a	=	0.0318	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Pyrene	n/a	=	0.0507	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/19/2024 9:07:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/19/2024 9:07:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4,4'-DDD	n/a	=	0.0131	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4,4'-DDE	n/a	=	0.129	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	4,4'-DDT	n/a	=	0.0415	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	alpha-Chlordane	n/a	DNQ	0.0014	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	gamma-Chlordane	n/a	DNQ	0.0009	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	2/14/2024 3:30:00 PM	Heptachlor	n/a	=	17	µg/L	EPA 547		5	NCL	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Malathion	n/a	=	0.0095	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Pentachlorophenol	n/a	=	0.226	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/19/2024 9:23:00 PM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-4	Wet	2/1/2024 1:58:00 PM	3/16/2024 7:15:00 AM	Toxaphene	n/a	=	0.104	µg/L	EPA 625.1-NCI	0.01	0.025	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:40:00 AM	6/15/2024 3:56:00 AM	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/21/2024 1:02:00 PM	Chloride	n/a	=	284	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/21/2024 1:02:00 PM	Fluoride	n/a	=	0.907	mg/L	EPA 300.0	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/2/2024 7:58:00 PM	Perchlorate	Total	<	1.8	µg/L	EPA 314.0	1.8	20	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/17/2024 3:45:00 PM	E. Coli	n/a	=	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/17/2024 3:45:00 PM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/21/2024 11:10:00 AM	Alkalinity as CaCO3	n/a	=	207	mg/L	SM 2320 B	1	1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/22/2024 11:50:00 AM	BOD	n/a	=	4	mg/L	SM 5210 B	-88	3	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/18/2024 3:20:00 PM	COD	n/a	=	77	mg/L	SM 5220 D	1.6	4	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	Conductivity	n/a	=	4212	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/20/2024 9:28:00 PM	Cyanide	Total	<	0.0016	mg/L	EPA 335.4	0.0016	0.005	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	DO	n/a	=	198.7	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	DO	n/a	=	17.69	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/3/2024 3:26:00 PM	Hardness as CaCO3	Total	=	1540	mg/L	SM 2340 B	0.1	0.5	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/17/2024 2:00:00 PM	MBAS	n/a	=	1.97	mg/L	SM 5540 C	0.02	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	pH	n/a	=	8.76	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	Salinity	n/a	=	2480	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	Specific Conductance	n/a	=	4616	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/6/2024 9:45:00 AM	Specific Conductance	n/a	=	5540	µmhos/cm	SM 2510 B	1	1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/16/2024 10:45:00 AM	Temperature	n/a	=	20.4	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/23/2024 2:30:00 PM	Total Dissolved Solids	n/a	=	5040	mg/L	SM 2540 C	6.3	10	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/11/2024 4:00:00 PM	Total Organic Carbon	n/a	=	20.7	mg/L	SM 5310 B	0.2	0.44	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/21/2024 7:00:00 AM	Total Suspended Solids	n/a	=	2.84	mg/L	SM 2540 D	0.5	0.5	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/17/2024 3:45:00 PM	Turbidity	n/a	=	1.69	NTU	EPA 180.1	0.02	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/21/2024 1:00:00 PM	Volatile Suspended Solids	n/a	=	2.25	mg/L	SM 2540 E	0.1	0.5	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/9/2024 7:00:00 AM	Oil and Grease	n/a	<	1	mg/L	EPA 1664B	1	1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 7:27:00 AM	TPH as Diesel C10-C28	n/a	=	0.49	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 7:27:00 AM	TPH as Gasoline C6-C10	n/a	=	0.16	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 7:27:00 AM	TPH as Motor Oil C28-C44	n/a	=	0.22	mg/L	EPA 8015B	0.035	0.048	Eurofins_Tustin	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Aluminum	Dissolved	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Aluminum	Total	<	1.65	µg/L	EPA 200.8	1.65	8.25	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Antimony	Dissolved	DNQ	0.122	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Antimony	Total	=	0.274	µg/L	EPA 200.8	0.03	0.15	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Arsenic	Dissolved	=	5.1	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Arsenic	Total	=	5.95	µg/L	EPA 200.8	0.05	0.159	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Barium	Dissolved	=	27.6	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Barium	Total	=	28.8	µg/L	EPA 200.8	0.25	0.5	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Beryllium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Beryllium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.031	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Cadmium	Dissolved	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Cadmium	Total	<	0.007	µg/L	EPA 200.8	0.007	0.023	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Chromium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Chromium	Total	=	0.061	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/30/2024 7:58:00 PM	Chromium VI	n/a	<	0.74	µg/L	EPA 218.6	0.74	1	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Copper	Dissolved	=	7.63	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Copper	Total	=	8.91	µg/L	EPA 200.8	0.007	0.022	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Iron	Dissolved	=	20.7	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Iron	Total	=	48.3	µg/L	EPA 200.8	1.13	5.65	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Lead	Dissolved	=	0.115	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Lead	Total	=	0.208	µg/L	EPA 200.8	0.007	0.021	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 12:00:00 PM	Mercury	Dissolved	=	2.47	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 12:00:00 PM	Mercury	Total	=	2.57	ng/L	EPA 1631E	0.04	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Nickel	Dissolved	=	4.85	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 PM	Nickel	Total	=	5.03	µg/L	EPA 200.8	0.013	0.042	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Selenium	Dissolved	=	5.33	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Selenium	Total	=	5.13	µg/L	EPA 200.8	0.021	0.068	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Silver	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Silver	Total	<	0.01	µg/L	EPA 200.8	0.01	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Thallium	Dissolved	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Thallium	Total	<	0.01	µg/L	EPA 200.8	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 11:24:00 AM	Zinc	Dissolved	=	4.95	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 12:06:00 PM	Zinc	Total	=	6.2	µg/L	EPA 200.8	0.022	0.069	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/28/2024 9:45:00 AM	Ammonia as N	n/a	=	0.045	mg/L	SM 4500-NH3 I	0.007	0.03	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/3/2024 10:00:00 AM	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	SM 4500-NO3 E	0.01	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Dissolved	DNQ	0.0243	mg/L	SM 4500-P E	0.016	0.03	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/29/2024 1:30:00 PM	Phosphorus as P	Total	=	0.0337	mg/L	SM 4500-P E	0.016	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/31/2024 9:28:00 AM	TKN	n/a	=	1.72	mg/L	EPA 351.2	0.13	0.4	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.05	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/18/2024	2-Chloroethyl vinyl ether	n/a	<	2.7	µg/L	EPA 624.1	2.7	5	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	B-LCSR, PMQC
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625.1	0.05	0.2	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Acenaphthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Anthracene	n/a	DNQ	0.0031	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzo(a)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzenidine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	SRPD, LB-LCSR
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	0.11	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Butyl benzyl phthalate	n/a	=	0.131	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Chrysene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Diethyl phthalate	n/a	=	0.0671	µg/L	EPA 625.1	0.01	0.02	PHYSIS	UL-MB
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Dimethyl phthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Di-n-butylphthalate	n/a	=	0.064	µg/L	EPA 625.1	0.01	0.02	PHYSIS	F-LCSRDP, UL-
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625.1	0.01	0.02	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Fluoranthene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Fluorene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Isophorone	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/18/2024	Methyl tert-butyl ether (MTBE)	n/a	<	0.07	µg/L	EPA 624.1	0.07	0.5	ENTHALPY	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Naphthalene	n/a	DNQ	0.0017	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Phenanthrene	n/a	DNQ	0.0016	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Phenol	n/a	<	0.1	µg/L	EPA 625.1	0.1	0.2	PHYSIS	LB-LCSR, PMQC
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Pyrene	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1016	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1221	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1232	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1242	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1248	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1254	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	PCB Aroclor 1260	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 4:02:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 615	0.2	0.5	NCL	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/4/2024 4:02:00 AM	2,4-D	n/a	<	0.47	µg/L	EPA 615	0.47	1	NCL	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4,4'-DDD	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4,4'-DDE	n/a	<	0.0008	µg/L	EPA 625.1	0.0008	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	4,4'-DDT	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.002	PHYSIS	

Appendix G
Laboratory Environmental 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	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Aldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	alpha-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	alpha-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Atrazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	beta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Chlorpyrifos	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Cyanazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	delta-BHC	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Diazinon	n/a	<	0.0005	µg/L	EPA 625.1	0.0005	0.001	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Dieldrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Endosulfan I	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Endosulfan II	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Endrin	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	SRPD, LB-LCSR
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	gamma-Chlordane	n/a	<	0.0007	µg/L	EPA 625.1	0.0007	0.002	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	5/28/2024 10:50:00 PM	Glyphosate	n/a	<	2.1	µg/L	EPA 547	2.1	5	NCL	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Heptachlor	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625.1	0.001	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Malathion	n/a	<	0.0025	µg/L	EPA 625.1	0.0025	0.005	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Pentachlorophenol	n/a	DNQ	0.0926	µg/L	EPA 625.1	0.05	0.1	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Prometryn	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/15/2024 3:56:00 AM	Simazine	n/a	<	0.005	µg/L	EPA 625.1	0.005	0.01	PHYSIS	
MO-VEN	2023/24-6	Dry	5/16/2024 10:45:00 AM	6/18/2024 3:23:00 AM	Toxaphene	n/a	<	0.01	µg/L	EPA 625.1-NCl	0.01	0.025	PHYSIS	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/18/2024 3:27:00 PM	E. Coli	n/a	=	1515	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/18/2024 3:27:00 PM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	10/5/2024 2:47:00 AM	Calcium	Total	=	401	mg/L	EPA 200.7	0.12	2.5	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	10/3/2024 10:32:00 PM	Magnesium	Total	=	518	mg/L	EPA 200.7	0.0148	0.5	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Conductivity	n/a	=	7514	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Discharge	n/a	=	0.02	cfs	Field Estimate	-88	-88	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	DO	n/a	=	203.7	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	DO	n/a	=	17.7	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	10/5/2024 2:47:00 AM	Hardness as CaCO3	Total	=	3140	mg/L	EPA 200.7	0.361	8.3	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	pH	n/a	=	9.09	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Salinity	n/a	=	4500	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Specific Conductance	n/a	=	8095	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Temperature	n/a	=	21.1	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/25/2024 3:17:00 PM	Total Organic Carbon	n/a	=	58	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/17/2024 9:15:00 AM	Turbidity	n/a	=	3.2	NTU	Field Meter	-88	0.01	Field Crew	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/30/2024 3:22:00 PM	Copper	Dissolved	=	17	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/30/2024 3:31:00 PM	Lead	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.17	0.4	WKL	
MO-VEN	2024-DRY	Dry	9/17/2024 9:15:00 AM	9/30/2024 3:22:00 PM	Zinc	Dissolved	=	11	µg/L	EPA 200.8	1.7	10	WKL	